

Macramé' Sketchbook I™

LEE ORIGINALS



Macrame projects — both practical and whimsical — more “Standings” and introducing the family of “Soft Rocks & Patio Pets”

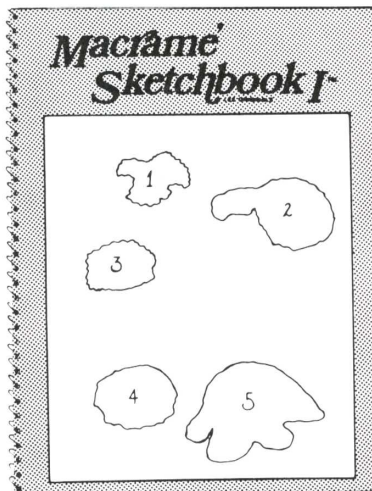
Macramé Sketchbook I™

LEE ORIGINALS

Table of Contents

	Page
Dictionary	3
Terms	3
Knots	3
Techniques	4
Marmalade	8
Soft Rocks	8
Blob	9
Delta	9
Odora The Skunk	10
Myrtle The Turtle	10
Bit O' Fluff	11
Medicine Man	13
Wagon Wheels	14
Sea Shell Planter	16
Arrowhead	17
Majestic	19
Brown Thumb	20
Buckskin	22

On the Covers



FRONT COVER

1. *Blob*, see page 9 for instructions
2. *Odora the Skunk*, see page 10 for instructions
3. *Blob*, see page 9 for instructions
4. *Delta*, see page 9 for instructions
5. *Myrtle the Turtle*, see page 10 for instructions

BACK COVER

- Buckskin*, see page 22 for instructions
- Bit O' Fluff*, see page 11 for instructions (planter)

Publisher's Note

Should you have trouble finding the desired material in your area, we can often help direct you to your nearest Dealer. Send your inquiries to LEE ORIGINALS, P.O. Box 26524, Tempe, Arizona 85282.

Published September 1979(a)

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Author & Designer



Thelma Lee

The author has traveled extensively to test and discuss ideas for new designs with Macramé enthusiasts country-wide. The designs included in "MACRAMÉ SKETCHBOOKS I and II"™ are the results of those travels and are presented with sincere appreciation to the many people that provided their frank and honest opinions of proposed sketches. The friendliness and hospitality of everyone encountered is a memory which will be cherished forever.

Look closely at the next Motor Home you see coming down the highway. It just may be Thelma Lee continuing the pleasant pursuit of making friends with craft-oriented people coast to coast.

Materials

The cords generally specified in the instructions in this book are made of the Polypropylene and/or Poly-Olefin fibers because of their wide-spread availability and popularity. However, attractive and interesting effects can be obtained substituting other fibers such as cotton, jute, and acrylic yarns.

Twisted and braided cord may be used interchangeably in the designs to provide different textures and finishes in the end result.

Most manufacturers of cord now have the new Heather colors as well as varigated cords which combine two different colors. These have been used in this book as well as solid colors.

Rings and dowels have been used in a number of designs and both are usually available at a craft store. We used wood, rattan, bamboo, and plastic rings in obtaining the desired sizes for the designs. The structural methods described in the Technique Section were more adaptable to the above men-

tioned materials. Dowels, especially the 4 foot lengths, are more readily obtained from a Builders Supply store or any large Do-It-Yourself type of store that carries lumber and wood products.

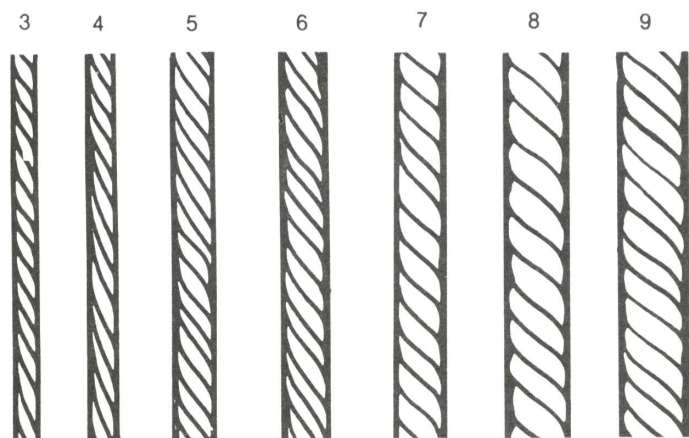
The "River Rocks" used are literally river rocks. They may be found in or near almost any fast moving river or stream where the rapid flow of water, over the years, has removed all the rough edges. This type of rock is also available at many Landscape Supply firms. If you can't find a rock, and you don't want to use the bean-bag approach mentioned in the instructions, try filling a cloth bag with ready-mix cement, tying it securely, soaking it thoroughly, and let it set until dry.

SIZE OF CORD

If you have a question concerning the true size of your selected cord, ask your local craft store personnel for the answer. If you can't get an answer to your question, drop us a line and we'll try to help.

When comparing your selected cord to the following scale, stretch it slightly to determine size. **Do not** stretch when measuring and cutting lengths for your design.

CORD SCALE IN MM



YARDAGE

You will find, as we have, that when cord is milled and wound on spools, it is usually in a stretched condition and it (the cord) will appear to be a smaller diameter than actual in its free state. For this same reason, many of the yardage claims printed on the cord wrapper appear to be in error since the cord was measured while stretched when being wound on the spool. For example, you may find that an advertised 90-yard spool contains less yardage in its free state. Keep this possibility in mind when purchasing the quantity of cord desired.

The individual tension can affect the cordage requirements by as much as 10% in any given design. We have tried to base the yardage specified in each design on a minimum tension to avoid the distressing problem of running out of cord near the end of a design. We have also included from 5% to 10% extra in the total yardage specified to avoid shortages caused by advertised yardage being different from actual.

Dictionary

Terms

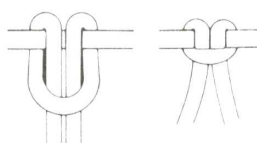
- Sinnet:** A series of knots usually consisting of one specific type. Example: 7" of Square Knots is called a 7" Square Knot sinnet.
- Knot-Bearer:** The unknotted cord over which the working cords are tied.
- Tying or Working Cords:** The cords used to form the knots.

Core:

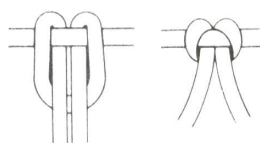
The cords used as a filler, such as in the Square Knot or Half Knot. The number of cords will be specified.

Knots

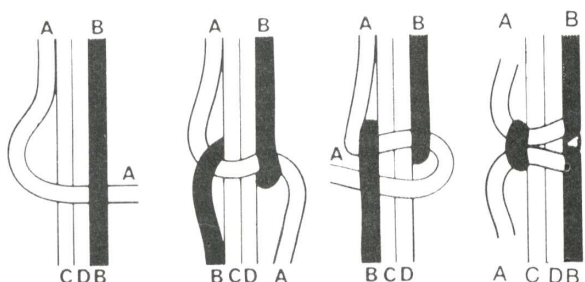
THE LARK'S HEAD



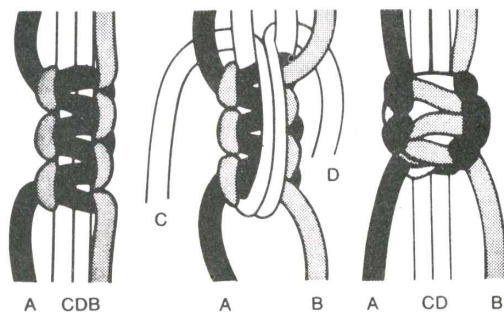
REVERSE LARK'S HEAD



THE SQUARE KNOT



SQUARE KNOT BUTTON

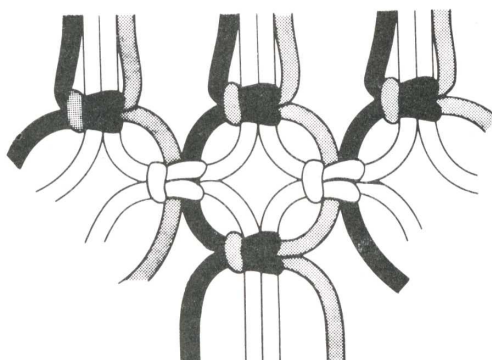


Step No. 1: Make a sinnet of at least 3 Square Knots.

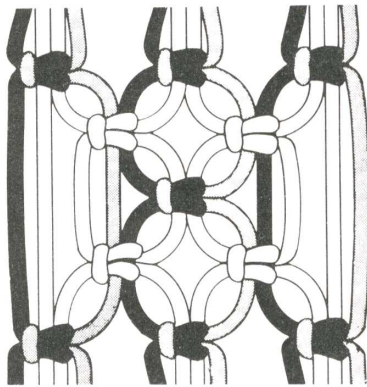
Step No. 2: Take the ends of cords C and D and thread them between C and D in space above First Square Knot.

Step No. 3: Pull ends C and D down until Sinnet forms a ball. Tie a Square Knot directly under button to secure.

ALTERNATING SQUARE KNOT Decreasing

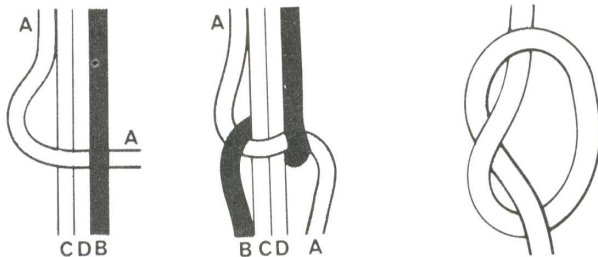


Decreasing and Increasing



HALF KNOT

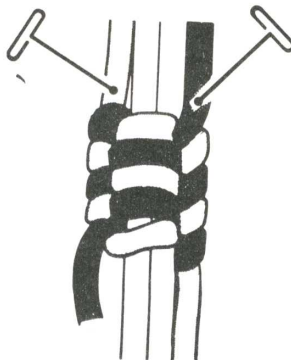
OVERHAND KNOT



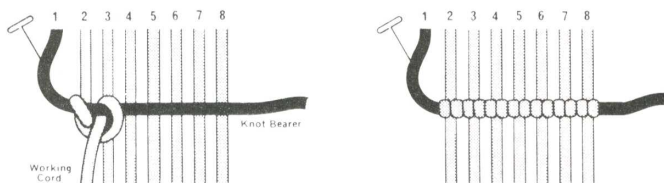
HALF KNOT SPIRAL

Make a series of Half Knots until work begins to twist. It will automatically twist when the proper number of Half Knots are made. This number of Half Knots will vary according to the size of cord used. Without removing pins, reverse working cords by turning knots in direction of twist.

Continue making Half Knots in the same direction until work twists again. Repeat for the desired length.



DOUBLE HALF HITCH



REVERSE DOUBLE HALF HITCH CHAIN

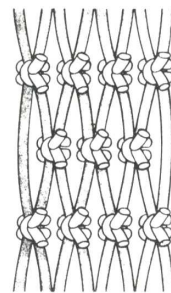


Reverse Double Half Hitch is identical to Lark's Head Knot.

Techniques

ALTERNATING LARK'S HEAD

The Alternating Lark's Head Pattern consists of short cords mounted over alternating pairs of core cords to form a shag effect. The length of the short cords will be specified in instructions. Cut each cord accurately to avoid necessity for trimming later. Separate plies of cords after completion of each row to form shag or pile.



Mounting Procedures

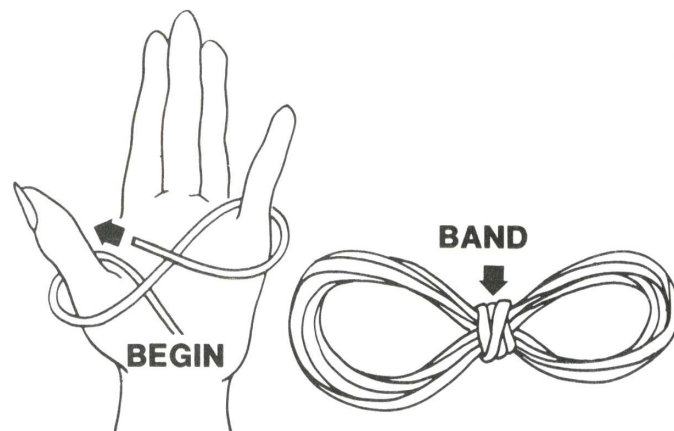
A. Lark's Head (See Knots)

B. Reverse Lark's Head (See Knots)

C. Reverse Lark's Head cord to be added over the ring or Knot-Bearer. Single Half Hitch the right cord to the right and the left cord to the left over the ring or Knot-Bearer.

Note: Cord diameter and knotting tension may make it necessary to add additional Half Hitches over the ring or Knot-Bearer to fill required space.

Butterflying Cords



When working with long cords, Butterfly each cord in the following manner:

Step No. 1: Start with the end of the cord and make a figure eight around the thumb and little finger, until you have about 16" left free to work with.

Step No. 2: Grasp the center of the Butterfly and slide off hand. Place a rubber band around center to hold. A gentle pull will release cord as it is needed.

Sealing Ends

Most cords used in Macrame' may be sealed to avoid fraying and/or untying with the use of white glue. Polypropylene cords have the added advantage of melting at temperatures of 350° - 400° F. The application of heat with soldering iron or flame may be used to melt cord ends to seal cord ends or to melt against adjacent cords and conceal ends.

This method is useful when fringe is not desired. Try only on polypropylene and poly-olefin fibers, as other types of materials may be flammable.

We have found that heat from matches gives good results, and it only takes a second near the flame. It is suggested that you experiment with scrap cord to determine the length of time required to seal ends.

Fringe Procedure

To Separate Plies of Braided Cord

If the cord is 8-ply, 4 plies should be braided to the left and 4 to the right. Pull out the 4 plies that go in one direction. The remaining plies will unravel.

Brushing

Use a stiff or wire brush to blend plies into a soft fringe.

Note: For ease in separating fibers, moisten with fine mist spray before brushing.

Adding Cords to Existing Cords

Fold cord to be added in half and place fold behind existing cord or cords. With one end of added cord on each side of existing cord(s), make a Square Knot, using the added cord ends as tying cords and the existing cord(s) as core.

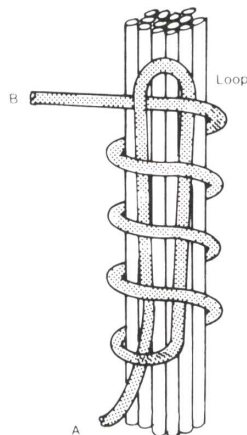
New cords may also be added over existing cords using the Lark's Head Knot.

Wrap A

Step No. 1: Make a loop in one end of wrapping cord and place on cords, rings, or dowels to be wrapped.

Step No. 2: With the long end of the cord (B), Wrap firmly around all cords, rings, or dowels to desired length. Leave A and loop unwrapped. Take B and place through loop.

Step No. 3: Pull A until loop disappears under wrapping, about half-way between top and bottom of Wrap. Trim A and B.



Wrap B

Center cord on outside on one rod or dowel in line with ring and bring cord ends around rod or dowel and over ring. Rev Dbl Hf H the right cord to the right and the left cord to the left over the ring.

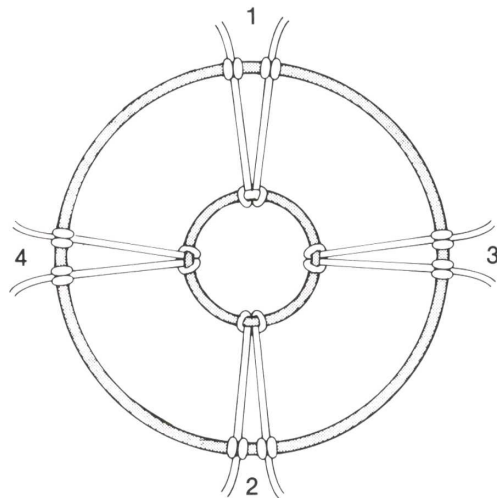
Cross the 2 cords on inside of rod over ring, bring cords around rod or dowel, and cross again on outside of rod or dowel. Bringing cords back around to ring, Rev Dbl Hf H the right cord to the right and the left cord to the left over the ring.

Length of cord will be specified in individual instructions.

Wrap C

Cover surface by simply wrapping cord around and around ring, rod, dowel, or other cords. Seal ends to Wrap.

Centering Rings



An easy method to assure equal radial space between rings in any circular design is to tie radial cords on opposite sides, following sequence shown in diagram, then filling in by tying remaining cords.

Cavandoli

General:

The Double Half Hitch is the only knot used in the pattern or design. The vertical cords are knotted over the horizontal cords in Horizontal Double Half Hitches (Fig. 1) to form the background of the design.

HORIZONTAL DOUBLE HALF HITCH

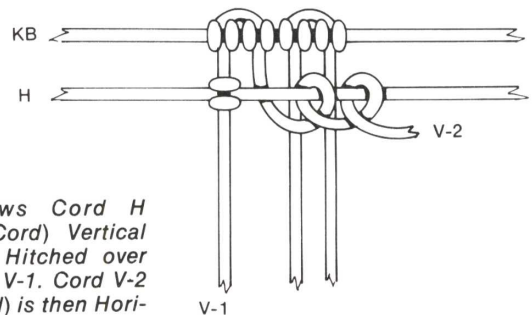


Figure shows Cord H (Horizontal Cord) Vertical Double Half Hitched over Vertical Cord V-1. Cord V-2 (Vertical Cord) is then Horizontal Double Half Hitched over Horizontal Cord H.

Fig. 1

The horizontal cords are knotted over the vertical cords in Vertical Double Half Hitches (Fig. 2) for the pattern or design.

VERTICAL DOUBLE HALF HITCH

Figure shows mounting Vertical Cords (V-1 through V-4) by placing folded cord under Knot-Bearer (KB) and Double Half Hitching the right cord to the right and the left cord to the left over the Knot-Bearer.

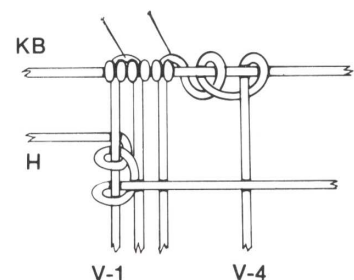


Figure demonstrates Vertical Double Half Hitch (VDHH) with Horizontal Cord (H) over Vertical Cord V-1.

Fig 2

Usually the vertical cords are one basic color and the horizontal cords are a second basic color. Consider these the primary colors of the design.

Secondary colors, necessary in other than 2-color designs, are brought in (Fig. 3) as additional horizontal cords, when required.

ADDING SECONDARY HORIZONTAL COLORS

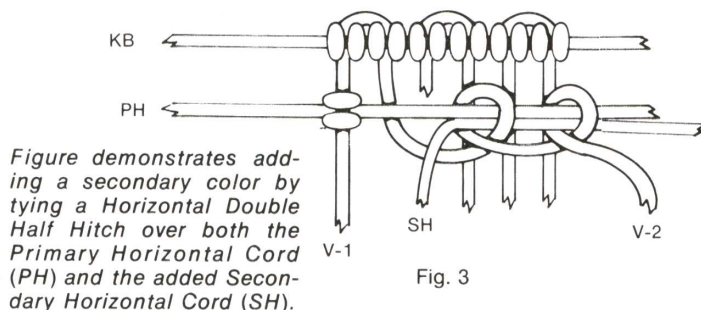


Fig. 3

EQUIPMENT: Work the design on a board or table which provides horizontal and vertical lines as a reference to aid in keeping work symmetrical.

CHART: An easy to follow chart has been provided for each design. Each square represents 1 knot (either 1 Horizontal Double Half Hitch or 1 Vertical Double Half Hitch). Half Hitches in each chart are numbered horizontally and vertically for easy reference.

PROCEDURE

Yardage: Vertical cords are usually cut the full length required for a complete design. These cords are mounted on a dowel or Knot-Bearer. Horizontal cords are cut in lengths which are manageable by the craftsman. An approximate length for the horizontal cords in each design will be suggested. Butterfly one end of the horizontal cord and release as needed.

Knotting: Figure 4 shows Vertical Cords mounted using the Lark's Head Knot and a row of 5 Horizontal Double Half Hitches from left to right over Cord H. Horizontal Cord H is then Vertical Double Half Hitched over Cord V-6, brought back under Cord V-6, and Vertical Double Half Hitched over Cord V-6 again to begin next horizontal row. The loop (Picot) is pinned to maintain necessary size to contain one cord for fringe and to help maintain squareness of pattern.

CHANGING DIRECTION OF HORIZONTAL CORD AT END OF ROW

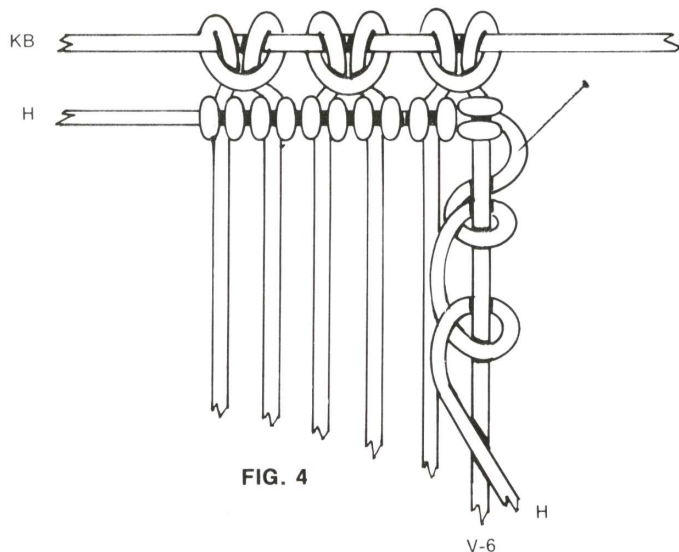


FIG. 4

All Vertical and Horizontal Double Half Hitches are started by placing the tying cord under the cord over which the Double Half Hitch is to be knotted. Figs. 1, 2, 3, and 4.

Adding Horizontal Cords: When it is necessary to start a new horizontal cord, it should be introduced in a manner to facilitate concealing ends. On multi-color designs (where secondary colors are used and a backing is necessary) the ends of the adjacent horizontal cords may simply be tied together in the back of the design. On all other designs, which are usually reversible, work the new horizontal cord in by combining with the old horizontal cord in several (at least two) adjacent Horizontal Double Half Hitches to conceal ends.

Adding Secondary Colors: Add the secondary horizontal color combined with the primary horizontal cord, in one Horizontal Double Half Hitch (Fig. 3) prior to the Vertical Double Half Hitch made with the added cord. Drop the primary horizontal cord in back and make the specified number of Vertical Double Half Hitches with the added secondary cord. Pick up the primary horizontal cord and combine with the secondary cord again in one adjacent Horizontal Double Half Hitch. In subsequent rows, when utilizing the same added secondary cord, it is only necessary to secure the secondary cord after (not before) the last Vertical Double Half Hitch is made with the secondary cord.

When the Vertical Double Half Hitch utilizing a primary or secondary horizontal cord and the Vertical Double Half Hitch utilizing another secondary horizontal cord are adjacent (without a Horizontal Double Half Hitch between), the firmness of the Vertical Double Half Hitch knots will usually be sufficient to hold the secondary color in place. When considered necessary, the adjacent horizontal cords may be tied together on the back at intervals to prevent separation of rows.

Note: To add new cords of same or primary color, follow same procedure.

Adding Secondary Colors (Rug Technique): When firmness and integrity of horizontal rows as well as flatness of design are important, as in a rug, the following interlocking method may be used as an alternate technique. It works especially well when using polypropylene cord.

To introduce a new color (in one area of design) leave a tail and combine the new cord with an existing vertical cord and Vertical Double Half Hitch the previous horizontal cord over both cords. Drop the previous or old horizontal cord and tie the specified number of Vertical Double Half Hitches with the new color.

To pick up a previous color (horizontal cord) in the subsequent horizontal row, cross it with the color being dropped to interlock the separate horizontal cords in a firm row.

At the completion of a portion of design containing a secondary color horizontal cord, it is ended as it was introduced by combining it with a vertical cord and tying a Vertical Double Half Hitch over both cords with the next horizontal cord.

When overall design is complete, the tails from the beginning and ends of each added cord may be trimmed close to the Vertical Double Half Hitch in which they were tied and then sealed (See "Sealing Ends," Technique Section).

Adding Vertical Cords: In general, the vertical cords are cut long enough to complete the design. If for any reason, it becomes necessary to add to the length of existing vertical cords, follow the procedure outlined under "Adding Horizontal Cords."

Ring and Dowel Structure

GENERAL: Most of the ring and dowel designs in this book utilize triangulation for structural rigidity. If you wish to try your hand at an original design, apply this principle to strengthen finished work.

MATERIALS: Rattan, Wood, and/or Plastic rings are used in all structural designs since they may be pinned and glued as well as taped to strengthen structure before wrapping.

ASSEMBLY: Tape (masking tape or equivalent) structure together as in the figure in selected design, equalizing angles and lengths to assure symmetry. Each junction may be pinned by using a small finishing nail and drilling a hole slightly

smaller in diameter than the nail, through both members before inserting nail. A couple of drops of one of the new instant glues at each junction, under the tape, will complete the structure. Tape may usually be left in place, since it will be covered by a Wrap.

Multi-Cord Square Knot

The "Multi-Cord Square Knot" makes it possible to begin a circular design without the use of a ring.

Step -1: Cut specified number of core cords, center and pin to craft board vertically.

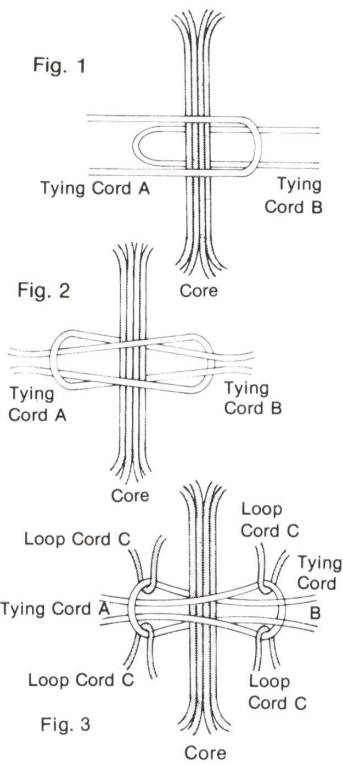
Step -2: Cut 2 tying cords, fold in half and place one on top of core cords with loop on the right, and one under core cords with loop on left. **Fig. 1.**

Step -3: Pull ends of Tying Cord B up through loop in Tying Cord A. Place ends of Tying Cord A down through loop in Tying Cord B. **Fig. 2.**

Step -4: Cut 4 additional cords as Loop Cords. Pull 2 cords through each tying cord loop and equalize ends. **Fig. 3(c).**

Step -5: Pull Tying Cords A and B to tighten Square Knot.

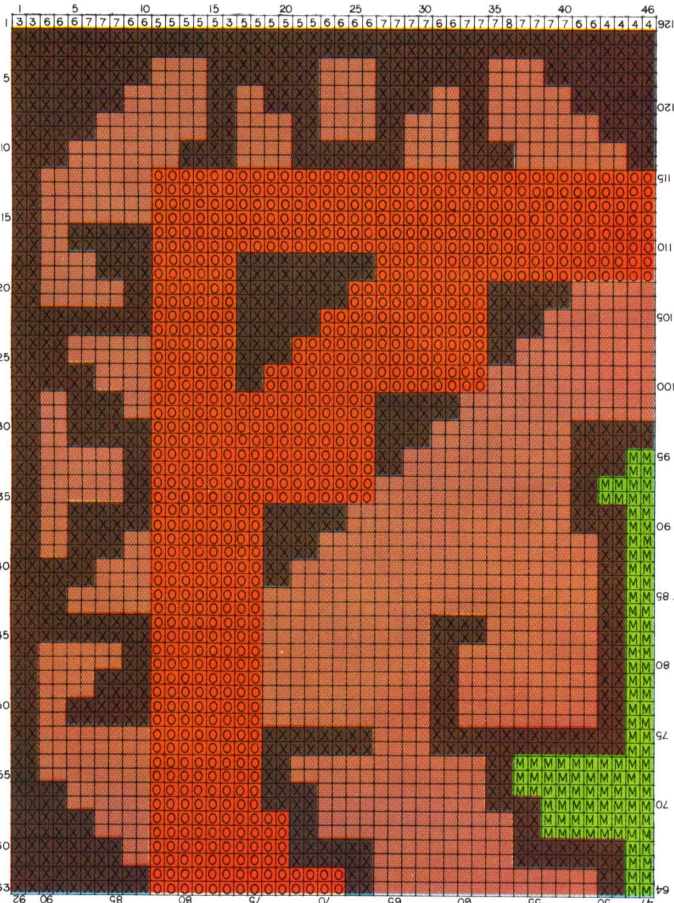
Note: Care must be taken not to pull Core and Loop Cords through knot when starting pattern from the "Multi-Cord Square Knot." Use pins to secure whenever possible.



Medicine Man

See page 12

Legend: ☐ Tan ☒ Brown ☐ Gold ☒ Moss



Marmalade

(pictured on page 7)

A distinctive and attractive addition to bedroom or living room with a geometric design that will blend with most carpet, chair, and sofa patterns.

Materials Needed

6 or 7mm twisted or braided polypropylene or poly-olefin cord

60 yards white and 60 yards orange

Knots & Abbreviations Used: Horizontal Double Half Hitch (Hor Dbl Hf H), Vertical Double Half Hitch (Ver Dbl Hf H), Lark's Head (Lk's Hd), Overhand **See Dictionary**

Finished Dimensions: approximately 13" X 13" (excluding fringe)

Instructions

See CAVANDOLI, Technique Section, for reference.

Color Key: orange - O, white - W

Step No. 1: Cut (1) 10-yard (O) cord and Butterfly. Release 1 yard and pin end of cord on left side of craft board, leaving a 3" tail. Pin again (on a horizontal line) approximately 13" from first pin.

Note: Tie an Overhand Kn in each end of each cord as it is cut to prevent fraying.

Step No. 2: Row 1 (left to right) Cut, mount, and Butterfly in order, (5) 5-yard, (5) 4-yard, and (5) 3-yard W cords one at a time. To mount cords, fold cord in half and place cord under Knot-Bearer. Pin loop 3" above Knot-Bearer. Dbl Hf H the right cord to the right and the left cord to the left over the Knot-Bearer. The loops will be cut and used for fringe on completion of pillow. This will provide 30 working cords within the 13" space between pins. Adjust mounted cords on Knot-Bearer as necessary. Pin mounted cords to craft board. This completes Row 1.

Note: At the beginning of each subsequent row, leave a loop (Picot) in the horizontal cord large enough to accommodate 1 fringe cord (See CAVANDOLI, Fig. 4, Technique Section). Pin through the loop to maintain loop size and aid in keeping work square.

Step No. 3: Number vertical cords from 1 to 30, left to right. Row 2 (right to left) Bring (O) cord back under W cord #30 (See CAVANDOLI, Fig. 4, Technique Section) on right and Ver Dbl Hf H (O) cord over W cord #30. Be sure to leave Picot. Hor Dbl Hf H (W) cords #29 through #1 over (O) cord.

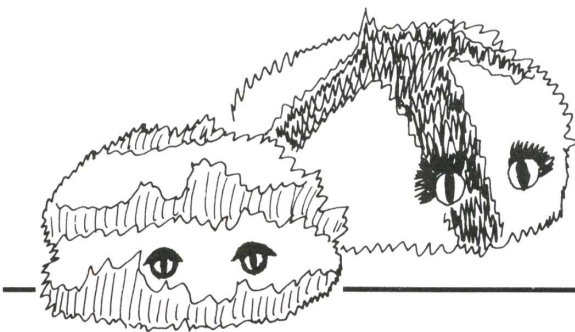
Step No. 4: Row 3 (left to right) Leaving a Picot, Hor Dbl Hf H (W) cords #1 through #28 over (O) cord. Ver Dbl Hf H (O) cord over W cords #29 and #30.

Step No. 5: Knot each subsequent row increasing Ver Dbl Hf H's with (O) cords by one knot in each new row. Row 31 will consist of 30 Ver Dbl Hf H's. End with a row of Hor Dbl Hf H's on Row 32.

Step No. 6: Cut loops (from mounting). Trim vertical W cords to 3". Cut (31) 9" (O) cords and Lk's Hd 1 in each Picot on each side of pillow.

Note: A latch hook or crochet hook may be useful to pull cords through Picots.

Step No. 7: Using 12" 1 or 2 ply cords, Wrap (See "Wrap A", Technique Section) each pair of fringe cords for 1/2". Wrap the W cords with (O) cord, and the (O) cords with W cord. Include the Knot-Bearer ends in Wraps. Separate plies and brush (See "Fringe Procedure", Technique Section).



Soft Rocks

(Doorstops & Patio Pets)

For Additional Designs, See Macrame' Sketchbook IITM

Any size rock may be used that is fairly smooth and well shaped. If preferred, filling may be made like a bean bag. Remember that the pile will add 2" to sides and top. Cords may be easily added or decreased for larger or smaller rocks.

The size of rock used is noted in each design along with materials required for that size.

All designs may be used as doorstops, or as attractive accessories on a patio.

The advantage of using a rock plus polypropylene or poly-olefin cord is that they will not fade, rot, or deteriorate if used outdoors.

GENERAL CONSTRUCTION: The cord used in each design is 6 or 7mm twisted or braided polypropylene or poly-olefin. Pile in each design utilizes 6" pieces of cord in each Lark's Head Knot. The base of each design is made on a craft board. Before removing design from craft board, place rock over design to determine that bottom of design is correct size. Add rows of Lark's Head Knots if necessary, however, total cord required will have to be adjusted.

Note: Adjust circular pattern to oval shape of rock by moving Lark's Head Knots.

The design is reversed (pile side down) and construction is completed around shape of the rock.

Knots & Abbreviations Used in Each Design Are: Overhand, Square Knot (Sq Kn), Double Half Hitch (Dbl Hf H), and Alternating Lark's head (Alt Lk's Hd). **See Dictionary.**

Step A: To begin design, tie the specified number of cords together 2" from one end in an Overhand Kn. Pin knot to craft

board and fan cords out radially. Separate plies and brush the 2" ends (See "Fringe Procedure", Technique Section).

Note: Tie an Overhand Kn in the end of each cord to prevent fraying.

Step B: To add radial cords, cut the specified cords and add 1 cord to each existing radial cord, using a Sq Kn (See "Adding Cords to Existing Cords", Technique Section). Push Sq Kns up against previous Overhand or Lark's Head Knot.

Step C: To reduce number of radial cords, tie 1 radial cord from the core of 1 Lk's Hd Kn with 1 radial cord from the core of an adjacent Lk's Hd Kn in a Sq Kn. Trim to match pile and brush. Continue around last row of Lk's Hd Kns, tying off every second pair of cords.

Blob

(Two pictured on Front Cover
brown/gold, orange/beige)

Materials Needed

64 yards brown or orange

17 yards gold or beige

eyes

1 oval rock, approximately 13" circumference (small dimension)

See Description & General Construction under "SOFT ROCKS".

Instructions

Color Key: brown - B, gold - G

Step No. 1: Follow Step A under "General Construction", using (8) 1-yard B cords.

Step No. 2: Follow Step B under "General Construction", using (8) 1½-yard B cords. This will provide a total of 24 radial cords.

Step No. 3: Make 3 circular rows of Alt Lk's Hd Pattern (See Technique Section). Row 1: Use (12) G cords. Row 2: Use (12) B cords. Row 3: Use (12) G cords.

Step No. 4: Follow Step B under "General Construction", adding (1) 1-yard B cord to every *second* existing radial cord. This will provide a total of 48 radial cords.

Step No. 5: Make 2 circular rows (one B and one G) of Alt Lk's Hd Kns. Use 24 cords per row.

Step No. 6: Remove design from board, turn fluff side down, and place rock on top of work. Make as many rows of 24 Lk's Hd Kns as necessary to cover sides of the rock. Alternate colors of rows. (Enough cord has been allowed for 3 rows.)

Step No. 7: Follow Step C under "General Construction", reducing number of radial cords from 48 to 24.

Step No. 8: Make circular rows of Alt Lk's Hd Pattern until radial cords again should be reduced in number. Use 12 cords per row, maintaining color pattern. (Enough cord has been allowed for 2 rows.)

Step No. 9: Eliminate cords as in Step C (General Construction). This leaves 12 radial cords.

Step No. 10: Make additional rows of Lk's Hd Kns to nearly fill design. (Enough cord has been allowed for 2 rows.) Use 6

cords per row, maintaining color pattern. The remaining radial cords will fill the center of the design.

Step No. 11: Tie all 12 radial cords in pairs as in Step C (General Construction). Trim to match pile and brush. Secure eyes.

Delta

(pictured on Front Cover)

Materials Needed

55 yards eggshell

15 yards rust

1 oval rock, approximately 14" circumference (small dimension)

See Description & General Construction under "SOFT ROCKS".

Instructions

Color Key: eggshell - E, rust - R

Step No. 1: Follow Step A under "General Construction", using (8) 1-yard E cords.

Step No. 2: Follow Step B under "General Construction", using (8) 1½-yard E cords. This will provide a total of 24 radial cords.

Step No. 3: Make 3 circular rows of Alt Lk's Hd Pattern (See Technique Section). Use (12) E cords per row.

Step No. 4: Follow Step B under "General Construction", adding (1) 1-yard E cord to every *second* existing radial cord. This will provide a total of 48 radial cords.

Step No. 5: Make 2 circular rows of Alt Lk's Hd Kns. Use (24) E cords per row.

Note: Mark one radial cord as the starting cord to be used in all circular rows in the balance of the design.

Step No. 6: Remove design from board, turn fluff side down, and place rock on top of work. Make 3 circular rows of 24 Lk's Hd Kns as follows: Row 1 - Alternate 2 E & 4 R Lk's Hd Kns. Row 2 - Alternate 1 E & 5 R Lk's Hd Kns. Row 3 - Same as Row 1.

Step No. 7: Number radial cords carrying the R Lk's Hd Kns in each group from 1 to 8. Working with one group, tie cords #2 & #3 together in a Sq Kn. Tie cords #6 & #7 together in a Sq Kn. Repeat with remaining groups. Trim close to knots and seal (See "Sealing Ends", Technique Section).

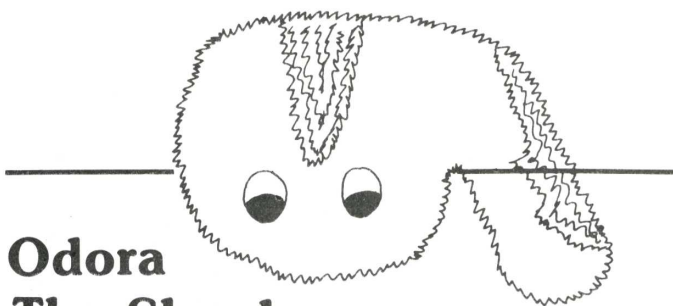
Step No. 8: Make 2 circular rows of 16 Lk's Hd Kns as follows: Row 4 - Alternate 1 E & 3 R Lk's Hd Kns. Row 5 - Alternate 2 E & 2 R Lk's Hd Kns.

Step No. 9: Tie the center pair of radial cords from each group of R Lk's Hd Kns together in a Sq Kn. Trim close to knot and seal.

Step No. 10: Make 2 circular rows of 12 Lk's Hd Kns as follows: Row 6 - Alternate 1 E & 2 R Lk's Hd Kns. Row 7 - Alternate 2 E & 1 R Lk's Hd Kns.

Step No. 11: Eliminate cords as in Step C, "General Construction". This leaves 12 radial cords.

Step No. 12: Make a row of Lk's Hd Kns, using (6) E cords. Tie all 12 remaining radial cords together in pairs, using Sq Kns. Trim to match pile and brush.



Odora The Skunk

(pictured on page 12 and Front Cover)

Materials Needed

90 yards black and 10 yards white
eyes

1 oval rock, approximately 17" circumference (small dimension)

See Description & General Construction under "SOFT ROCKS".

Instructions

Color Key: black - B, white - W

Step No. 1: Follow Step A under "General Construction", using (8) 1-yard B cords.

Step No. 2: Follow Step B under "General Construction", using (8) 1½-yard B cords. This will provide a total of 24 radial cords.

Step No. 3: Make 3 circular rows of Alt Lk's Hd Pattern (See Technique Section). Use (12) B cords per row.

Step No. 4: Follow Step B under "General Construction", adding (1) 1-yard B cord to every *second* existing radial cord. This will provide a total of 48 radial cords.

Step No. 5: Make 3 circular rows of Alt Lk's Hd Pattern, using (24) B Lk's Hd Kns per row.

Step No. 6: Remove design from board, turn fluff side down, and place rock on top of work. Cut (4) 1½-yard B cords. Fold 2 cords in half and Lk's Hd both cords over 2 radial cords at one end of oval rock.

Repeat with the 2 remaining 1½-yard cords over an adjacent pair of radial cords. These added cords will be used to make the tail in Step 13. With these added cords replacing 2 Lk's Hd Kns, complete circular row using (22) B cords for Alt Lk's Hd Pattern.

Step No. 7: The white stripe on the back of the skunk consists of alternating rows of 1 and 2 W Lk's Hd Kns within the circular rows in the balance of the body pattern. Row 1: Tie (1) W Lk's Hd Kn over the 2 center radial cords which were used for adding tail cords. Complete circular row, using (23) B cords for Lk's Hds. Row 2: Tie 2 W Lk's Hd Kns (above single W Lk's Hd) and 22 B Lk's Hds. Row 3: Tie 1 W Lk's Hd Kn, 11 B Lk's Hd Kns, 1 W Lk's Hd Kn (at head), and 11 B Lk's Hd Kns. Row 4: Tie 2 W Lk's Hd Kns at both head and tail.

Step No. 8: Finish Row 4 by reducing number of radial cords as follows: Working with one group of 20 B cords between head and tail, number cords from 1 to 20 and tie Sq Kns with cords #2 & #3, #6 & #7, #10 & #11, #14 & #15, and #18 & #19. Trim to match pile and brush.

Repeat with the remaining 20 B cords on opposite side. This will leave a total of 28 radial cords.

Step No. 9: Row 5 - Tie 1 W Lk's Hd Kn, 6 B, 1 W, and 6 B Lk's

Hd Kns. Row 6 - Tie 2 W Lk's Hd Kns, 5 B, 2 W, and 5 B Lk's Hd Kns. Row 7 - Repeat Row 5. Row 8 - Repeat Row 6.

Step No. 10: Leave the 4 B radial cords at the head and tail (carrying the 2 W Lk's Hd Kns from Row 8) free. Working on one side, tie the 10 radial cords together in pairs, using Sq Kns. Trim to match pile and brush. Blend in with black pile.

Repeat on second side.

Step No. 11: Make as many alternate rows of 1 and 2 W Lk's Hd Kns as necessary to allow the 4 B radial cords from each end to meet. (Enough W cord has been allowed for 3 rows on each group of 4 cords.)

Step No. 12: Join the two groups of B radial cords by tying together in pairs, using Sq Kns. Trim to match pile and brush. Blend B cords in with black pile so that white stripe is uninterrupted.

Step No. 13: (Tail) Row 1 - Make 1 circular row of (2)W and (2)B Alt Lk's Hd Kns, placing the W cords in line with the single W Lk's Hd on body. Row 2 - Make 1 circular row of Alt Lk's Hd Kns, using 1 W Lk's Hd and 3 B Lk's Hd Kns. Alternate Rows 1 and 2 for 20 rows.

Tie B cords together in Sq Kns. Trim to match pile and brush. Secure eyes.

Myrtle the Turtle

(pictured on Front Cover)

Materials Needed

90 yards moss and 20 yards gold
eyes

1 oval rock, approximately 19" circumference (small dimension)

See Description & General Construction under "SOFT ROCKS".

Instructions

Color Key: moss- M, gold - G

Step No. 1: Follow Step A under "General Construction", using (8) 1-yard M cords. Instead of brushing the 2" ends, trim close to Overhand Kn and seal (See "Sealing Ends", Technique Section).

Step No. 2: Follow Step B under "General Construction", using (8) 1½-yard M cords. This will provide a total of 24 radial cords.

Step No. 3: Make 3 circular rows of Alt Lk's Hd Pattern (See Technique Section). Use (12) G cords per row.

Step No. 4: Follow Step B under "General Construction", adding (1) 1-yard M cord to every *second* existing radial cord. This will provide a total of 48 radial cords.

Step No. 5: Measure the size of the bottom of the rock and make as many rows of (24) G Lk's Hd Kns as necessary to cover bottom of rock. (Enough cord has been allowed for 3 rows.)

Step No. 6: Remove design from board and place fluff side down. Place rock on top of work. Starting at one end of oval rock, number radial cords by pairs, 1 through 24.

Cut (14) 1-yard M cords. Add 2 cords to radial pair #1, and 2 cords to radial pair #24, using Lk's Hd Kns. These will be used as core cords for the head. Add 1 cord each to radial pairs #3,

#4, #9, #10, #12, #13, #15, #16, #21, and #22. These added core cords will be used to make the feet and tail. Complete circular row by making (6) G Lk's Hd Kns on each side of body over remaining pairs of radial cords.

Step No. 7: Make as many circular rows of (24) M Lk's Hd Kns as necessary to cover the sides of the rock. (Enough cord has been allowed for 5 rows.)

Step No. 8: Follow Step C under "General Construction", reducing number of radial cords from 48 to 24.

Step No. 9: Make circular rows of Alt Lk's Hd Kns until radial cords again should be reduced in number. Use (12) M cords per row. (Enough cord has been allowed for 4 rows.)

Step No. 10: Follow Step C under "General Construction". This will leave 12 radial cords.

Step No. 11: Make additional rows of Lk's Hd Kns to nearly fill design. (Enough cord has been allowed for 2 rows.) Use (6) M cords per row. The remaining radial cords will fill in the center.

Step No. 12: Tie all 12 remaining radial cords together in pairs, each pair consisting of radial cords from adjacent Lk's Hd Kns. Trim to match pile and brush.

Note: Utilize excess cord from radial cords in making head, tail, and feet.

Step No. 13: (Head) Make 10 circular rows of Alt Lk's Hd Pattern using (4) M cords per row.

Tie the 1-yard core cords together in pairs. Trim to match pile and brush.

Step No. 14: (Tail) Make 3 circular rows of Alt Lk's Hd Pattern, using (2) M cords per row. Tie an Overhand Kn in the end of each core cord close to Lk's Hds. Trim to 2" or 3" and brush.

Step No. 15: (Legs) Make 3 circular rows of Alt Lk's Hd Pattern using (2) M cords per row, per leg.

(Feet) Place 1 Lk's Hd on each of the 4 core cords and tie an Overhand Kn in the end of each core cord. Trim and shape pile to look like turtle feet. Secure eyes.



Bit O' Fluff

(pictured on page 7 and back cover)

An attractive and practical way to disguise that plain old pot your plant came in. Quick and easy to knot on a craft board in 4 adjacent sections, joined by Square Knots and shaped with a 7" ring.

Materials Needed

6 or 7mm twisted or braided polypropylene or poly-olefin cord

50 yards brown and 35 yards tan

1 each - 2" and 7" metal rings, welded

Note: This decorative container is made to hold a standard 6" clay or plastic pot. It is recommended that drip trays be used under the pots.

Knots & Abbreviations Used: Reverse Lark's Head (Rev Lk's Hd), Alternating Lark's Head (Alt Lk's Hd), Square Knot (Sq Kn), Alternating Square Knot (Alt Sq Kn), Horizontal Double Half Hitch (Hor Dbl Hf H), Vertical Double Half Hitch (Ver Dbl Hf H), Overhand **See Dictionary**

Instructions

Color Key: brown - B, tan - T

Step No. 1: Cut (16) 1½-yard B cords and mount each cord over the 2" ring using the Rev Lk's Hd Kn. Pin to craft board through Lk's Hd Kns.

Note: Tie an Overhand Kn in each end of each cord as it is cut to prevent fraying.

Step No. 2: Divide the 32 cords into eight groups of 4 cords each and make a Sq Kn with each group close to ring.

Step No. 3: Make 1 circular row of Alt Sq Kns close to first Sq Kns.

Step No. 4: Make 1 circular row of Alt Sq Kns ¼" from last row. Pattern should be flat and as large as the drip tray under pot. Add Alt Sq Kn rows if necessary.

Step No. 5: Divide the 32 cords into four groups of 8 cords each by combining 4 cords from 1 Sq Kn with 2 cords from each adjacent Sq Kn.

Step No. 6: Working with one group of 8 cords, number each cord from 1 to 8, left to right. Cut (2) 1-yard B cords and add one cord each to cords #2 and #7, using a Sq Kn (See "Adding Cords to Existing Cords", Technique Section). Renumber the cords from 1 to 12.

Step No. 7: With cord #1 as a Knot-Bearer, make a 4" row of Hor Dbl Hf H's, using cords #2 through #12, adjacent to last circular row of Alt Sq Kns.

Step No. 8: Cut (1) 2-yard T cord to be used in Steps 9 and 10. Leaving a 4" tail, pin to craft board adjacent to the left end of row of Hor Dbl Hf H's and cord #2. Butterfly remaining cord.

Step No. 9: Make one 4" horizontal row of 12 Ver Dbl Hf H's (See CAVANDOLI, Fig. 2, Technique Section), left to right.

Step No. 10: Leave a loop at end of row large enough to accommodate 1 cord for tying the sections together on completion (See "Cavandoli", Fig. 4, Technique Section). Make second row of Ver Dbl Hf H's right to left. Trim T cord to 4".

Step No. 11: Make 3 rows of Alt Lk's Hd Pattern (See Technique Section). Row 1: Tie (6) 5" B Lk's Hd Kns. Row 2: Tie (5) 5" T Lk's Hd Kns. Row 3: Tie (6) 5" B Lk's Hd Kns. Pack Lk's Hd Kns in tight.

Step No. 12: Repeat Steps 8 through 11, maintaining the 4" width.



Step No. 13: Repeat Steps 8 through 10. Finished section from Hor Dbl Hf H'ed row should measure approximately 5½".

Step No. 14: Working with an adjacent group of 8 cords, repeat Steps 6 through 13, however, in Step 8 pin the 4" tail adjacent to right end of row of Hor Dbl Hf H'es. In Step 9, work row right to left, and in Step 10, work row left to right.

Step No. 15: Working with an adjacent group of 8 cords, repeat Steps 6 through 13.

Step No. 16: Working with last group of 8 cords, repeat Step 14.

Step No. 17: Fold the 4 sections to form holder. Tie sections together (leaving approximately 1" between sections) using the 4" tails from Steps 8 and 10, and using 8" T cords to join loops from Step 10. Separate plies and tie adjacent plies together with Sq Kns to join sections. If more than 4-ply cord is used, tie 2 or 3 plies together at a time. Trim to match pile and brush.

Note: A crochet hook or similar implement may be useful to pull cords through loops.

Place pot in holder. The holder should loosely gird pot for easy removal.

Step No. 18: Remove pot and place the 7" ring at top of holder. Dbl Hf H each B cord over ring. End the hitches on the outside of holder. Trim B cords to 1", separate plies, and brush.

Medicine Man

(pictured on page 12)

After receiving a large amount of complimentary mail concerning the CAVANDOLI rug design in "MACRA-ART",™ this rug was designed using a slightly different technique which provides a smoother rug. It may be coated with a non-skid spray rather than a burlap backing if desired. The material used, being a rug fiber, is as durable as any other rug in the house.



Materials Needed

6 or 7mm twisted or braided polypropylene or poly-olefin cord

540 yards tan, 300 yards brown, 228 yards gold, and 40 yards moss

Knots & Abbreviations Used: Horizontal Double Half Hitch (Hor Dbl Hf H), Vertical Double Half Hitch (Ver Dbl Hf H), Overhand **See Dictionary**

Finished Dimensions: approximately 38" X 55" (excluding fringe)

Instructions

See CAVANDOLI, Technique Section, for reference.

Color Key: tan - T, brown - B, moss - M, gold - G

Step No. 1: Cut (1) 3-yard T cord to be used as a double Knot-Bearer. Fold cord in half and pin to craft board through both cords, 6" from fold. Pin again (on a horizontal line) approximately 38" from first pin.

Tie an Overhand Kn in the end of each cord as it is cut to prevent fraying. When mounting the T cords over the Knot-Bearer, do not tie an Overhand Kn in the 5" fringe above Knot-Bearer.

Step No. 2: (Row 1) Cut, mount, and Butterfly the vertical (T) cords, one at a time. DO NOT FOLD IN HALF. To mount cords, place cord under Knot-Bearer with a 5" tail above Knot-Bearer. Hor Dbl Hf H cord over Knot-Bearer. The 5" ends above Knot-Bearer will be used for fringe on completion of rug.

Refer to chart (page 7) and following yardage indicated in Row 1 at top of the design, mount the 46 cord lengths in sequence as shown, reverse sequence and mount the cords from 47 through 92. This provides 92 working cords in the 38" space between pins on the Knot-Bearer. Adjust mounted cords as necessary. Pin all mounted cords to craft board. This completes Row 1 on the chart.

Step No. 3: Row 2 (left to right) Cut (1) 10-yard B cord and Butterfly. Leaving a 6" tail, pin free end of cord adjacent to Ver Cord #1 directly below Row 1. Place B cord under Ver Cord #1 and Ver Dbl Hf H (B) cord over Ver Cord #1. Ver Dbl Hf H (B) cord over Ver Cords #2 through #92.

Step No. 4: Row 3 (right to left) Bring B cord back under Ver cord #92 (See CAVANDOLI, Fig. 4 Technique Section) on right and Ver Dbl Hf H(B) cord over Ver Cords #92 through #1.

Step No. 5: Row 4 (left to right) Bring B cord back under Ver Cord #1 and Ver Dbl Hf H (B) cord over Ver Cords #1 through #10. Hor Dbl Hf H Ver Cords #11 through #14 over B cord. Ver Dbl Hf H (B) cord over Ver Cords #15 through #22. Hor Dbl Hf H Ver Cords #23 through #26 over B cord. Ver Dbl Hf H (B) cord over Ver Cords #27 through #34. Hor Dbl Hf H Ver Cords #35 through #38 over B cord. Ver Dbl Hf H (B) cord over Ver Cords #39 through #54. Hor Dbl Hf H Ver Cords #55 through #58 over B cord. Ver Dbl Hf H (B) cord over Ver Cords #59 through #66. Hor Dbl Hf H Ver Cords #67 through #70 over B cord. Ver Dbl Hf H (B) cord over Ver Cords #71 through #78. Hor Dbl Hf H Ver Cords #79 through #82 over B cord. Ver Dbl Hf H (B) cord over Ver Cords #83 through #92.

Step No. 6: (Rows 5 through 11) Follow chart, adding new 10-yard B cords as necessary. See CAVANDOLI, "Adding Horizontal Cords", Technique Section.

Step No. 7: Row 12 (left to right) Bring B cord back under Ver Cord #1. Ver Dbl Hf H (B) cord over Ver Cords #1 and #2. Hor Dbl Hf H Ver Cords #3 through #10 over B cord. Introduce (1) 10-yard G cord in knots tied with Ver Cords #9 and #10 (See CAVANDOLI, Fig. 3, Technique Section). Drop B cord and Ver

Dbl Hf H (G) cord over Ver Cords #11 through #82. Introduce a new 10-yard B cord in knots tied with Ver Cords #81 and #82. Hor Dbl Hf H Ver Cords #83 through #90 over B cord. Ver Dbl Hf H (B) cord over Ver Cords #91 and #92.

Step No. 8: Row 13 (right to left) Bring B cord back under Ver Cord #92 and Ver Dbl Hf H (B) cord over Ver Cords #92 and #91. Hor Dbl Hf H Ver Cords #90 through #83 over B cord. Interlock the B cord with the G cord (See CAVANDOLI, "Adding Secondary Colors (Rug Technique)" and Ver Dbl Hf H (G) cord over Ver Cords #82 through #11. Interlock the G cord with the B cord and Hor Dbl Hf H Ver Cords #10 through #3 over B cord. Ver Dbl Hf H (B) cord over Ver Cords #2 and #1.

Note: You now have a B cord on each side of rug to be used for the border all the way down each side. Be sure to Interlock with adjacent cords on each row.

Step No. 9: (Rows 14 through 17) Follow chart, adding new G cords as necessary. See CAVANDOLI, "Adding Secondary Colors (Rug Technique)".

Step No. 10: (Row 18) Follow chart introducing B cords at Ver Rows #17 and #67 as if it were a new Secondary color, and following "Adding Secondary Colors (Rug Technique)" in CAVANDOLI instructions.

Step No. 11: Follow chart for remainder of design, introducing new horizontal cords using the "Rug Technique" when necessary. End rug with a row of Hor Dbl Hf H's on Row 126.

Note: The chart shows ¼ of overall design. The top right-hand quadrant is a mirror image of chart shown. The bottom right-hand quadrant is the same as chart shown, inverted 180°. The bottom left-hand quadrant is again a mirror image of the chart.

Step No. 12: Trim vertical cords to 5". Using 12" 1 or 2 ply T cords, Wrap (See "Wrap A", Technique Section) each pair of fringe cords for 3/8". Include the 2 Knot-Bearer cords from Row 1 with fringe. Separate plies and brush (See "Fringe Procedure", Technique Section). Tie beginning and ending B cords in an Overhand Kn close to work and seal.

Step No. 13: (Finishing) Trim all ends on back of rug to within ¼" of knot in which it is captured, and seal with heat. A backing may be sewn to rug or if desired, a spray non-skid backing may be used.

Wagon Wheels

(pictured on page 13)

A sturdy and attractively different table design for the den or patio. The warmth of the soft polypropylene cord harmonizes with most furniture and color schemes. So easy to knot, you can have a finished table to show your friends in 3 or 4 evenings.

Materials Needed

8 or 9mm twisted or braided polypropylene or poly-olefin cord

- 390 yards white and 130 yards brown/white blend
 (1) 9", (6) 14", and (1) 26" wood, rattan, or plastic rings
 (outside dia.)
 (1) 30" X 1/4" glass

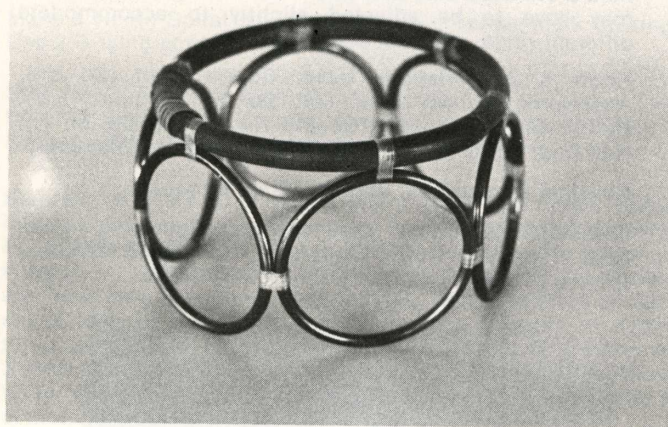
Note: Should it be necessary to substitute for the 14" and 26" ring sizes, maintain an approximate 6 to 1 ratio of large ring circumference to small ring diameter.

Knots & Abbreviations Used: Square Knot (Sq Kn), Alternating Square Knot (Alt Sq Kn), Double Half Hitch (Dbl Hf H), Half Knot Spiral (Hf Kn Spiral), Reverse Lark's Head (Rev Lk's Hd), Overhand **See Dictionary**

Finished Dimensions: approximately 27" diameter X 15" high

General Construction: Assemble rings following figure. (See "Ring and Dowel Structure", Technique Section.)

The center of the 9" ring and the top of the table (26" ring) are knotted first. The centers of the (6) 14" rings are then knotted on a craft board and secured to the rings.



Instructions

Color Key: white - W, brown/white - B/W

Step No. 1: (Wrapping Junctions) Cut (12) 1 1/4-yard W cords. Position and Wrap the 9" ring coincident with one junction of a 14" ring and the 26" ring. Wrap (See "Wrap A", Technique Section) all junctions for 2".

Step No. 2: (Pattern for 9" Ring) Make a W "Multi-Cord Square Knot" (See Technique Section). Use (6) 4-yard W cords for core, (2) 4-yard W cords for tying cords, and (4) 4-yard W cords for loop cords. Butterfly cords. This will provide (24) 2-yard W cords.

Step No. 3: Make 1 circular row of 6 Sq Kns around main Sq Kn.

Make 3 circular rows of Alt Sq Kns spacing rows 1/2", 3/4", and 1" respectively from each previous row.

Note: Due to knotting tension and specific cord used, it may be necessary to adjust the distance between rows so that the pattern lays flat and is taut within ring.

Place pattern inside the 9" ring and Dbl Hf H each of the 24 cords over the ring, beginning with groups of 4 cords on each side of junction. Leave equal space (approximately 2 1/2") on ring between each of the four remaining groups of 4 cords. Follow procedure under "Centering Rings", Technique Section.

Step No. 4: Cut (2) 2-yard W cords and Rev Lk's Hd each cord

over 9" ring centered in space opposite Wrap. Dbl Hf H the 2 ends of these added cords over the 26" ring on each side of junction opposite 9" ring.

Step No. 5: Cut (2) 5-yard W cords. Add 1 cord to each pair of cords (Step 4) close to 9" ring, using a Sq Kn. See "Adding Cords to Existing Cords", Technique Section.

Make a 12" Hf Kn Spiral sinnet with each group of 4 cords, using the 2-yard cords as core and the added 5-yard cords as tying cords. Dbl Hf H tying cords over 26" ring on each side of core cords. End hitches on inside of ring.

Note: All sinnets in this design end with a Sq Kn included within the specified length of each sinnet.

Step No. 6: Repeat Step 4, attaching cords to 9" ring (1 on each side of core cords added in Step 4) and Dbl Hf H'ing to 26" ring on each side of sinnets from Step 5.

Repeat Step 5, using B/W cords and making 11" sinnets.

Step No. 7: Dbl Hf H the 4 cords on each side of 11" sinnets (cords from design in 9" ring) over the 26" ring next to the sinnet cords from Step 6. Leave room to Dbl Hf H the added tying cords in Step 8.

Step No. 8: Repeat Step 5 twice, using (2) 4 1/2-yard W cords and making 10" sinnets, then using (2) 4 1/2-yard B/W cords and making 9" sinnets.

The Dbl Hf H's from the 8 completed sinnets should fill the two spaces on the 26" ring opposite the 9" ring.

Step No. 9: Cut (8) 2-yard W cords. Rev Lk's Hd 4 cords over the 9" ring in each space adjacent to last sinnets tied.

Step No. 10: Repeat Step 7 with the 8 cords added in Step 9 in spaces adjacent to filled space on 26" ring.

Step No. 11: Repeat Step 5 (4) times on each side of design in sequence as follows: Cut (2) 4-yard W cords and make 8" sinnets, (2) 3 1/2-yard B/W cords and make 7" sinnets, (2) 3-yard W cords and make 6" sinnets, and (2) 2 1/2-yard B/W cords and make 5" sinnets.

The Dbl Hf H's from the 8 completed sinnets should fill the 2 side spaces on the 26" ring, leaving only the 2 spaces adjacent to junction of 9" and 26" rings to be filled.

Step No. 12: Repeat Step 7 with each group of 4 cords from 9" design, adjacent to 5" sinnets.

Step No. 13: Using 2 1/2-yard W cords and 2-yard B/W cords, make sinnets as in Step 5, adjusting sinnet length to reach 26" ring.

Step No. 14: Cut (4) 1 1/2-yard W cords and mount 2 on each side of 9" ring adjacent to last sinnets and using "Mounting Procedure" -C-, Technique Section.

Step No. 15: Repeat Step 13, using 1 1/2-yard W cords and 1 1/2-yard B/W cords.

Step No. 16: Dbl Hf H the 8 W cords (from design in 9" ring) over the 26" ring between last sinnet and junction.

All spaces on the 26" ring should now be filled. Turn all Dbl Hf H's on 26" ring to the inside, tighten and adjust as necessary to make design in 26" ring symmetrical.

Step No. 17: Tie the 10 center cords (between each pair of Wraps on 26" ring) with a cord scrap. These will be used to make the 6 discs in Step 27.

Tie ends of remaining cords in an Overhand Kn close to Dbl Hf H's on inside of frame. Trim close to knot and seal (See "Sealing Ends", Technique Section).

Step No. 18: (Wheels) Make a W "Multi-Cord Square Knot". Use (10) 1¼-yard W core cords, (2) 1¼-yard W tying cords, and (4) 1¼-yard W cords for loop cords. This will provide 32 W cords.

Step No. 19: Make 1 circular row of 8 Sq Kns, ½" from main Sq Kn. Use 2 cords for tying and 2 for core in each Kn.

Step No. 20: (Spokes) Working with any 4 cords extending from 1 Sq Kn, divide the 4 cords into pairs, each pair to be used as core for a Hf Kn Spiral sinnet. Add (1) 2¼-yard W cord to the pair of cords on the left, using a Sq Kn, and make a 5" Hf Kn Spiral sinnet following procedure in Step 5. Add a 1¾-yard B/W cord to the remaining pair of core cords and make a 3" Hf Kn Spiral sinnet following same procedure.

Repeat with next 4 cords reversing the order of sinnets.

Step No. 21: Repeat Step 20 (4) times to complete spokes.

Note: Length of sinnets may have to be adjusted. The 5" sinnets should reach the ring and be taut when secured.

Step No. 22: Turn frame on its side. Working with the 8 cords from one pair of B/W sinnets, place 4 cords under a 14" ring on each side of Wrap (at junction of 14" and 26" rings) and Dbl Hf H over the 14" ring approximately 2" from end of sinnet. End hitches on inside of ring.

Measure the distance on the bottom half of the ring between each side junction. Mark the center point and Dbl Hf H the 8 cords from the 2 opposite B/W sinnets over the ring, centering the cords over the mark.

Step No. 23: Dbl Hf H the 4 cords from each B/W sinnet over the ring on each side of each side junction, following procedure in "Centering Rings", Technique Section.

Step No. 24: Dbl Hf H the cords from each pair of W sinnets over ring in space between each pair of B/W sinnets.

Step No. 25: Tie an Overhand Kn in each cord close to inside of ring. Trim cords close to Kns and seal.

Step No. 26: Repeat Steps 18 through 25 for each wheel.

Step No. 27: (Discs) With frame in upright position, release one group of 10 cords. Using a 27" W cord, Wrap (See "Wrap A", Technique Section) all 10 cords for ¾" close to 26" ring. Pull each Wrapped cord gently (holding on to Wrap) to tighten. Trim the 10 cords to 10" below Wrap (some cords may be shorter). Tie 2 center W cords together with a scrap of cord about 1" from ends. Separate the plies of each of the 8 remaining cords and brush one at a time. (See "Fringe Procedure", Technique Section.) Using a 27" W cord, Wrap all cords again for ¾", beginning 4" down from first Wrap. Hold the 2 tied cords, grasp the second Wrap and slide up until disc is formed. Trim all cords to 1½" or desired length.

Repeat with the five remaining groups of 10 cords.

Sea Shell Plant Holder

(pictured on page 18)

The "SEA SHELL" design is an attractive method to disguise the standard clay or plastic

pot in which that pretty plant normally arrives. It may be used on floor or table and is reversible. That is, the pot and plant may be placed in the smaller ring, with the small ring on top, or inside the complete structure as pictured.

A clay or plastic drip tray may be placed under the pot in either position. The 7" ring used with a Wrap should be the correct size to hold a standard 6" pot.

Materials Needed

3mm twisted or braided polypropylene or poly-olefin cord

180 yards white and 80 yards blue

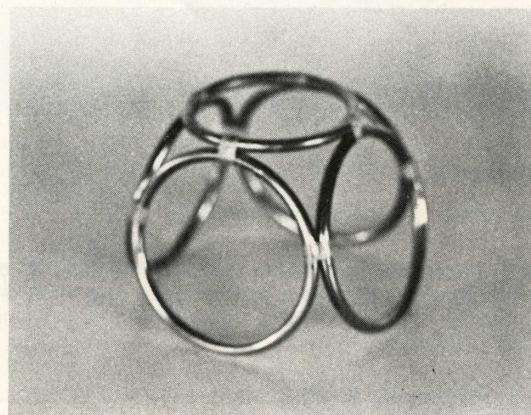
(4) 8" and (1) 7" plastic, rattan, or wood rings (outside dia.)

Note: Should the size of rings called for be unavailable in your area, don't hesitate to substitute, remembering only that the inside diameter of the smaller ring must hold a standard size pot, and that the macrame patterns may have to be adjusted slightly to accommodate different rings.

Knots & Abbreviations Used: Square Knot (Sq Kn), Alternating Square Knot (Alt Sq Kn), Square Knot Button (Sq Kn Button), Double Half Hitch (Dbl Hf H), Half Knot Spiral (Hf Kn Spiral), Overhand **See Dictionary**

Finished Dimensions: approximately 9" square

General Construction: Assemble rings following figure. (See "Ring and Dowel Structure", Technique Section.) Draw a 2" diameter circle on your craft board.



Instructions

Color Key: blue - B, white - W

Step No. 1: Cut (8) 1-yard B cords. Wrap junctions of ring assembly for 1" (See "Wrap A", Technique Section). Trim and seal ends (See "Sealing Ends", Technique Section).

Step No. 2: Make a W "Multi-Cord Square Knot" (See Technique Section). Use (12) 1½-yard W cords for core, (2) 1½-yard W tying cords, and (4) 1½-yard W cords for loop cords. This will provide (36) ¾-yard W cords.

Step No. 3: Pin "Multi-Cord Square Knot" to center of 2" circle. Leave 12 core cords at bottom of Sq Kn free, and tie 6 Sq Kns with the 24 remaining cords in an arc inside the 2" circle. Use 2 cords for tying and 2 for core in each Kn.

Step No. 4: Position structure with 7" ring on bottom. Place work in (1) 8" ring with Sq Kn pattern centered about 1" above

bottom junction of rings. Divide the 12 free cords into two groups of 6 cords (one group on each side of Wrap). Working from inside of planter, Dbl Hf H each cord over the 8" ring. As each cord is Dbl Hf H'ed, bring end to inside of planter. Be careful not to pull core cords through main Sq Kn.

Step No. 5: Reposition structure with 7" ring on top and with design facing you. Working with one group of 6 Dbl Hf H'ed cords, leave a ½" space and make a Sq Kn Button, consisting of 4 Sq Kns. Use 2 cords for tying and 4 for core.

Repeat with the second group of 6 cords.

Note: A crochet hook or similar implement may be useful to pull the 4 core cords through the ½" space.

Step No. 6: Divide the 24 cords used in Step 3 into four groups of 6 cords each. Make a Sq Kn Button with each group as per instructions in Step 5.

Step No. 7: Measure the bottom half of the 8" ring (between each side Wrap) and mark center point. Divide the 36 W cords into groups of 16, 4, and 16 cords.

Add a 2½-yard B cord over the 4 center W cords close to center Sq Kn Buttons, using a Sq Kn (See "Adding Cords to Existing Cords", Technique Section).

Make a Hf Kn Spiral sinnet to reach the center mark on ring. Use 2 B tying cords and 4 W core cords.

Step No. 8: Dbl Hf H each of the 6 cords from the sinnet over the ring, centering the cords over the mark made in Step 7. Bring cord ends from Dbl Hf H'es to inside of ring.

Step No. 9: Working with one group of 16 free cords, divide into pairs to be used as core cords for 8 Hf Kn Spiral sinnets. Begin sinnets adjacent to center sinnet and alternate colors of tying cords. All tying cords are added as in Step 7, and sinnets are made long enough to reach the ring. On completion of each sinnet, Dbl Hf H each cord over the ring. Lengths of added tying cords are as follows: 2½ yards W, 2 yards B, 2 yards W, 2 yards B, and 1½ yards W for sinnets below side Wrap. Above Wrap: Lengths are 1½ yards B, 1 yard W, and 27" for final B sinnet.

Tie an Overhand Kn in each cord close to Dbl Hf H'es on inside of ring assembly and trim. Seal ends if desired.

Step No. 10: Repeat Step 9 with the 16 remaining free cords.

Step No. 11: Repeat Steps 2 through 10 with the 3 remaining 8" rings.

Step No. 12: Wrap the 7" ring using (4) 1½-yard B cords. (See "Wrap C", Technique Section.)

Arrowhead

(pictured on page 18)

This unique design takes very little time and the result is a spectacular array of triangles radiating from center to soft fringe. You will be proud to have this beautiful pattern on display in your home.

Materials Needed

6 or 7mm twisted or braided polypropylene or poly-olefin cord

80 yards eggshell

70 yards orange/blend (heather)

55 yards gold/blend (heather)

1 each - 2", 10", 19", and 27" metal rings, welded

Knots & Abbreviations Used: Reverse Lark's Head (Rev Lk's Hd), Alternating Lark's Head (Alt Lk's Hd), Double Half Hitch (Dbl Hf H), Half Knot Spiral (Hf Kn Spiral), Square Knot (Sq Kn), Overhand **See Dictionary**

Finished Dimensions: approximately 36" diameter (including fringe)

Instructions

Color Key: eggshell - E, orange/blend - O, gold/blend - G

Step No. 1: Cut (16) 2½-yard O cords and mount each cord over the 2" ring using the Rev Lk's Hd Kn. Tie an Overhand Kn in each end of each cord as it is cut to prevent fraying.

Divide the 32 cords into eight groups of 4 cords each.

Step No. 2: Make a 1" Hf Kn Spiral sinnet with each group of 4 cords. Number cords in groups of 8 (consisting of 2 Hf Kn Spirals) from 1 to 8, left to right.

Note: All Hf Kn Spiral sinnets and Sq Kns use 2 cords for tying and 2 for core in this design.

Step No. 3: Working with one group of 8 cords, cut (10) 6" O cords and make an Alt Lk's Hd Pattern (See Technique Section). Tie Lk's Hd Kns by row on pairs of cords as follows: Row 1 - Cords #4 & #5; Row 2 - Cords #3 & #4, #5 & #6; Row 3 - Cords #2 & #3, #4 & #5, #6 & #7; Row 4 - Cords #1 & #2, #3 & #4, #5 & #6, #7 & #8.

Repeat with the three remaining groups of 8 cords.

Step No. 4: Place the 10" ring on top of cords and Dbl Hf H each group of cords over the ring (See "Centering Rings", Technique Section). Adjust rows of Lk's Hd Kns to fill space between rings, equalizing space between rows.

Step No. 5: Cut (16) 2-yard G cords and mount 4 cords over the 10" ring in each open space (See "Mounting Procedure" -C-, Technique Section).

Step No. 6: Repeat Steps 2 and 3 with each of the eight groups of G and O cords, leaving approximately ¼" space between each row of Alt Lk's Hd Kns.

Step No. 7: Make Sq Kns with cords #1 through #4 and with cords #5 through #8, ¼" from last row of Lk's Hd Kns in each group of 8 cords.

Place the 19" ring on top of design and adjust triangular patterns or Sq Kns if necessary. The ring should be approximately ½" from Sq Kns in each pattern.

Step No. 8: Dbl Hf H each cord over the 19" ring, centering the 10" ring. Keep colors grouped and an equal amount of space on ring between each group.

Step No. 9: Cut (32) 1½-yard E cords. Mount 4 cords over the 19" ring in each of the 8 spaces, using the same method as in Step 5.

Step No. 10: Repeat Steps 2 and 3 with each group of 4 O, 4 G, and 8 E cords.

Step No. 11: Place the 27" ring on top of design and Dbl Hf H each cord over the ring, keeping colors grouped and an equal amount of space on ring between each group. Dbl Hf H the O and G cords first, then the E cords. Follow the procedure in Step 4.



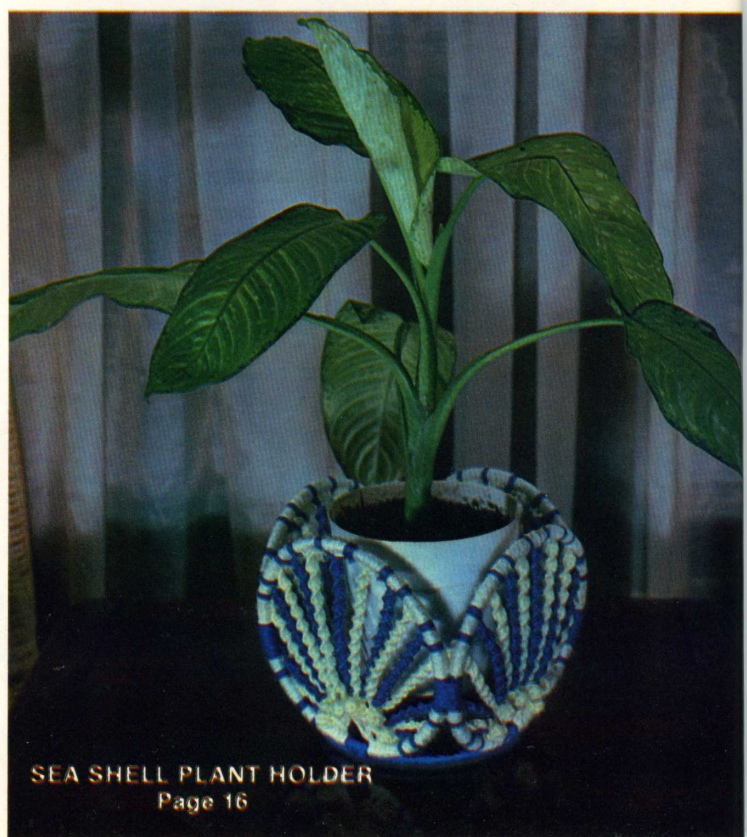
MAJESTIC
Page 19



BROWN THUMB
Page 20



ARROWHEAD
Page 17



SEA SHELL PLANT HOLDER
Page 16

Step No. 12: Trim all cords to 4". Rev Lk's Hd (2) 10½" cords over the 27" ring on each side of each color, matching colors. Use scrap cord as possible. Trim added cords to same length as the 4" fringe.

Step No. 13: Divide the 16 cords in each color group into four groups of 4 cords each. Using 12" 1 or 2-ply (approximately 2mm) matching cords, Wrap (See "Wrap A", Technique Section) for 3/8". Separate plies and brush (See "Fringe Procedure", Technique Section).

Step No. 14: Trim and shape the pile on each triangle.

Majestic

(pictured on page 18)

Another decorative design to disguise that plain old 6" clay or plastic pot. Quick and easy to make on a craft board in 4 adjacent sections. Join sides with Square Knots and shape with a 7" ring.

Materials Needed

6 or 7mm twisted or braided polypropylene or poly-olefin cord

90 yards heather gold and 16 yards white

1 each - 2" and 7" metal rings, welded

Knots & Abbreviations Used: Reverse Lark's Head (Rev Lk's Hd), Alternating Lark's Head (Alt Lk's Hd), Square Knot (Sq Kn), Alternating Square Knot (Alt Sq Kn), Double Half Hitch (Dbl Hf H), Half Knot Spiral (Hf Kn Spiral), Overhand See Dictionary

Instructions

Color Key: heather gold - G, white - W

Step No. 1: Cut (16) 2¼-yard G cords and mount each cord over the 2" ring, using the Rev Lk's Hd Kn. Pin to craft board through Kns.

Note: Tie an Overhand Kn in each end of each cord as it is cut to prevent fraying.

Step No. 2: Divide the 32 cords into eight groups of 4 cords each and make a 1½" Sq Kn sinnet with each group. Use 2 cords for tying and 2 for core in each sinnet. Divide the 8 sinnets into four groups of 2. Number cords in each group from 1 to 8, left to right.

Step No. 3: Cut (2) 1-¾ yard G cords. Working with one group of 8 cords, add 1 cord to cord #4 and 1 cord to cord #5, using a Sq Kn. (See "Adding Cords to Existing Cords", Technique Section.) This will provide a total of 12 cords.

Step No. 4: Using cord #1 as a Knot-Bearer, Hor Dbl Hf H cords #2 through #12 over cord #1. This straight row of Hor Dbl Hf H's should measure approximately 4".

Repeat Steps 3 and 4 with the three remaining groups of 8 cords. This finishes the base of the holder.

Step No. 5: Cut (12) 5" W cords and (5) 5" G cords. Working



Step No. 12: Trim all cords to 4". Rev Lk's Hd (2) 10½" cords over the 27" ring on each side of each color, matching colors. Use scrap cord as possible. Trim added cords to same length as the 4" fringe.

Step No. 13: Divide the 16 cords in each color group into four groups of 4 cords each. Using 12" 1 or 2-ply (approximately 2mm) matching cords, Wrap (See "Wrap A", Technique Section) for 3/8". Separate plies and brush (See "Fringe Procedure", Technique Section).

Step No. 14: Trim and shape the pile on each triangle.

Majestic

(pictured on page 18)

Another decorative design to disguise that plain old 6" clay or plastic pot. Quick and easy to make on a craft board in 4 adjacent sections. Join sides with Square Knots and shape with a 7" ring.

Materials Needed

6 or 7mm twisted or braided polypropylene or poly-olefin cord

90 yards heather gold and 16 yards white

1 each - 2" and 7" metal rings, welded

Knots & Abbreviations Used: Reverse Lark's Head (Rev Lk's Hd), Alternating Lark's Head (Alt Lk's Hd), Square Knot (Sq Kn), Alternating Square Knot (Alt Sq Kn), Double Half Hitch (Dbl Hf H), Half Knot Spiral (Hf Kn Spiral), Overhand **See Dictionary**

Instructions

Color Key: heather gold - G, white - W

Step No. 1: Cut (16) 2¼-yard G cords and mount each cord over the 2" ring, using the Rev Lk's Hd Kn. Pin to craft board through Kns.

Note: Tie an Overhand Kn in each end of each cord as it is cut to prevent fraying.

Step No. 2: Divide the 32 cords into eight groups of 4 cords each and make a 1½" Sq Kn sinnet with each group. Use 2 cords for tying and 2 for core in each sinnet. Divide the 8 sinnets into four groups of 2. Number cords in each group from 1 to 8, left to right.

Step No. 3: Cut (2) 1-¾ yard G cords. Working with one group of 8 cords, add 1 cord to cord #4 and 1 cord to cord #5, using a Sq Kn. (See "Adding Cords to Existing Cords", Technique Section.) This will provide a total of 12 cords.

Step No. 4: Using cord #1 as a Knot-Bearer, Hor Dbl Hf H cords #2 through #12 over cord #1. This straight row of Hor Dbl Hf H's should measure approximately 4".

Repeat Steps 3 and 4 with the three remaining groups of 8 cords. This finishes the base of the holder.

Step No. 5: Cut (12) 5" W cords and (5) 5" G cords. Working



with one group of 12 cords, make 3 rows of Alt Lk's Hd Pattern (See Technique Section). Use 6 W cords in 1st row, 5 G cords in 2nd row, and 6 W cords in 3rd row.

Renumber cords from 1 to 12, left to right.

Step No. 6: Cut (4) 1½-yard G cords. Add 1 cord to cords #3, #5, #7, and #9 as in Step 3. This will provide a total of 20 G cords. Renumber cords from 1 to 20, left to right.

Step No. 7: Make 1 row of 5 Sq Kns and 1 row of 4 Alt Sq Kns, using 2 cords for tying and 2 for core in each Kn.

Step No. 8: Cut (2) 1-yard W cords and add one cord each over pairs #9-#10, and #11-#12. Make (2) 1½" Hf Kn Spiral sinnets using the added W cords as tying cords, and pairs #9-#10 and #11-#12 as core.

Step No. 9: Working with cords #1 through #8, make a 5-row Alt Sq Kn pattern consisting of 3 rows of 2 Sq Kns, and 2 rows of 1 Sq Kn.

Repeat with cords #13 through #20.

Step No. 10: Drop W cords and make 4 rows of Alt Sq Kns starting with a row of 4 Sq Kns and ending with a row of 5 Sq Kns.

Step No. 11: Repeat Steps 5 through 10 with the three remaining groups of 12 cords.

Step No. 12: Tie each pair of W tying cords together (on inside of design) in a Sq Kn. Trim close to Kn and seal (See "Sealing Ends", Technique Section).

Step No. 13: Fold the 4 sections to form holder. Using (7) 8" cords per corner, tie adjacent sections together by inserting a cord through adjoining loops (formed by the Alt Lk's Hd and Alt Sq Kn patterns). Separate the plies of the 8" cords and tie adjacent plies together in Sq Kns. If more than 4-ply cord is used, tie 2 or 3 plies together at a time. Trim to match pile and brush.

Note: A crochet hook or similar implement may be useful to pull cords through loops.

Place pot in holder. The holder should loosely gird pot for easy removal.

Step No. 14: Remove pot and place the 7" ring at top of holder. It will be necessary to eliminate 24 cords to allow room for balance of cords to be Dbl Hf H'ed over 7" ring. Starting with the last cord from one group of 20 cords, Dbl Hf H over 7" ring along with first 3 cords of next group. Skip 2 cords and Dbl Hf H next 4 cords over 7" ring. Continue pattern of dropping 2 cords and Dbl Hf H'ing 4 cords around balance of ring. End all hitches on outside of holder. Tie each pair of dropped cords together in a Sq Kn. Trim all cords to 1" and brush.

Brown Thumb (pictured on pages 18 & 19)

Run out of space for macrame hangings? Try a Standing. This Fernery, made of dowels, rings, and polypropylene cord may be moved from room to patio, to wherever suits your fan-

cy. Strong construction and attractive appearance make it suitable for any room as well as outdoors.

Materials Needed

440 yards 6 or 7mm twisted or braided polypropylene or poly-olefin cord

1 each - 18" & 10" plastic, rattan, or wood rings (outside dia.)

3 each - 8" & 6" plastic, rattan, or wood rings (outside dia.)

3 dowels, 48" X 3/4" dia.

3 wood or ceramic beads, 1½" dia.

3 plastic leg protectors, 3/4" dia.

Knots & Abbreviations Used: Square Knot (Sq Kn), Alternating Square Knot (Alt Sq Kn), Square Knot Button (Sq Kn Button), Double Half Hitch (Dbl Hf H), Reverse Double Half Hitch Chain (Rev Dbl Hf H Ch), Half Knot Spiral (Hf Kn Spiral) Overhand **See Dictionary**

Finished Dimensions: approximately 4' high

General Construction: Assemble rings following figure and Step 1. (See "Ring and Dowel Structure", Technique Section.)

The designs for the large ring at base of fernery, the three decorative patterns around center, and the cradle for the top pot are worked on a craft board and then secured to rings. The spaces between the small rings at the center of fernery contain an Alternating Square Knot pattern. The dowels are then covered with a Half Knot Spiral pattern.

Draw 2", 4", 6", 8", and 10" circles on a craft board as a guide for patterns in this design.

Instructions

Step No. 1: (Wrapping Junctions) Use 1½-yard cords for all Wraps except 6" rings to dowels, for which a 3-yard cord is used.

Place 3 dowels together and begin a 1" Wrap 15" from one end. Use "Wrap A", Technique Section. Seal ends (See "Sealing Ends", Technique Section).

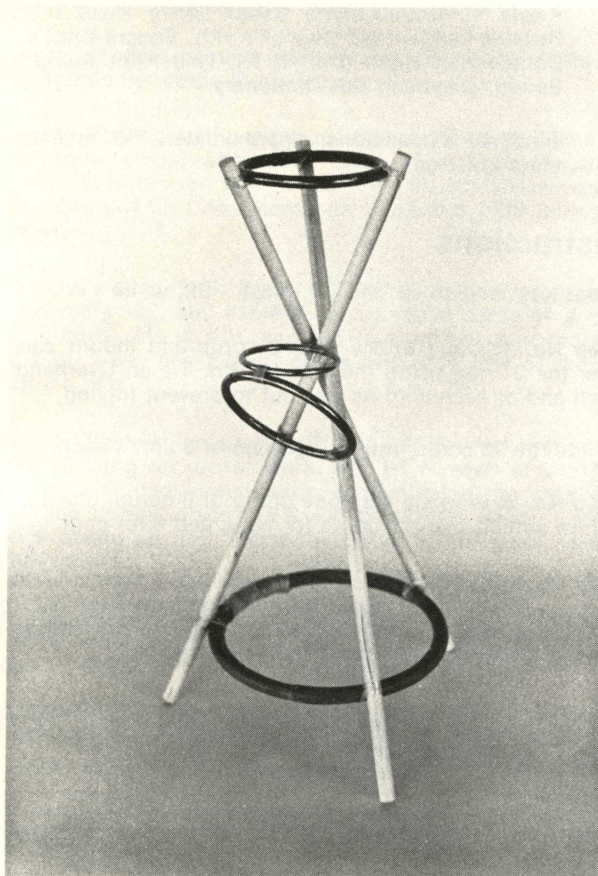
Divide 10" ring into thirds and mark. Spread dowels and tape 10" ring inside dowels at top, 2" from ends, on marks. Tape 18" ring horizontally in bottom on inside of dowels. Wrap these 6 junctions using "Wrap B", Technique Section. The ends from these Wraps will be concealed in subsequent steps.

Place the (3) 6" rings directly above first Wrap, parallel to floor. Tape rings in position. Using the 3-yard cord, Wrap (See "Wrap C") around junction of first pair of 6" rings about 6 times, pass cord between dowels, and Wrap next junction. Repeat until all 3 junctions of 6" rings are Wrapped. Seal ends.

Tape each 8" ring tangent to a 6" ring and 2 dowels. Wrap ("Wrap A") 6" rings to 8" rings at junction. Wrap 8" rings to dowels following "Wrap B", fastening 2 rings to each dowel.

Step No. 2: (Pattern for 18" Ring) Make a "MULTI-CORD SQUARE KNOT", Technique Section. Use (12) 2½-yard cords for core, (2) 2½-yard tying cords, and (4) 2½-yard cords for loop cords. This will provide (36) 1¼-yard cords. Tie an Overhand Kn in each cord as it is cut to prevent fraying.

Step No. 3: Pin "MULTI-CORD SQUARE KNOT" to center of 2" circle on craft board. Make 1 circular row of 9 Sq Kns, ending Kns at the 2" circle. Use 2 cords for tying and 2 for core in each Kn.



Step No. 4: Leave $\frac{1}{2}$ " space, combine 2 cords from 1 Sq Kn with 2 cords from an adjacent Sq Kn, and make 1 Sq Kn Button, consisting of 4 Sq Kns. Completed button should end at the 4" circle on the craft board.

Repeat with the eight remaining groups of 4 cords.

Step No. 5: Working with one group of 4 cords extending from 1 button, make a $2\frac{1}{2}$ " Rev Dbl Hf H Ch with each pair of cords, using longer cords as tying cords.

Join the 2 Chs in 1 Sq Kn. At this point you should be at the 10" circle on the craft board.

Step No. 6: Repeat Step 5 with the eight remaining groups of Sq Kn Button cords.

Step No. 7: Number each group of 4 cords from 1 to 4, left to right. Cut (18) 2-yard cords and (18) 1-yard cords. Add (1) 2-yard cord to each #1 & #4 cord of each group, in a Sq Kn (See "Adding Cords to Existing Cords", Technique Section).

Add (1) 1-yard cord to each #2 & #3 cord of each group. This will provide a total of 12 cords in each of the nine groups. Number cords from 1 to 12, left to right in each group.

Step No. 8: In each of the following Rev Dbl Hf H Chs, use the longer of the 2 cords as the tying cords.

Working with one group of 12 cords, and using cord pairs #5 & #6 and #7 & #8, tie Chs with each pair of cords, consisting of 2 Rev Dbl Hf H's. Join the 2 Chs in a Sq Kn, using 2 cords for tying and 2 for core.

Using cord pairs #3 & #4, and #9 & #10, tie Chs with each pair, consisting of 4 Rev Dbl Hf H's. Pull core cords gently to allow Chs to arc slightly around previous Chs. Join the 4 Chs by making 1 Sq Kn below previous Sq Kn. Use 2 cords for tying and 6 for core.

Using cord pairs #1 & #2 and #11 & #12, tie Chs consisting of

8 Rev Dbl Hf H's. Pull core cords gently to allow Chs to arc slightly around previous Chs. Join the 6 Chs by making 1 Sq Kn below previous Sq Kns, using 2 cords for tying and 10 for core.

Step No. 9: Repeat Step 8 with the eight remaining groups of 12 cords. Check to see that design will lay flat and taut within the 18" ring. Adjust as necessary.

Step No. 10: Measure outer distance on the 18" ring between each dowel, divide into fourths and mark. Dbl Hf H three groups of 12 cords over ring between each pair of dowels, centering each group over a mark. End all hitches at back of ring to be concealed. There should be approximately 1" open space on ring between each group of 12 cords, and 1" between groups of cords and dowels. Tie an Overhand Kn in each cord close to ring, trim, and seal.

Step No. 11: Using 1-yard cords, Wrap ("Wrap A") the 4 open spaces between each dowel. Include ends from assembling dowels to rings in Wraps and trim.

Step No. 12: Beginning above leg protector on 1 dowel, cover dowel with a Hf Kn Spiral sinnet from floor to dowel intersection. Fold a 20-yard cord in half and place cord around dowel at fold. Use the 2 ends as tying cords and the dowel as core. When junctions with the 18" and 8" rings are reached, carry tying cords over initial Wraps and continue Spiral. When covered, tie the 2 ends of cord in a Sq Kn, trim, and seal.

Repeat with the two remaining dowels.

Step No. 13: (Pattern for 8" Rings) Repeat Steps 2 through 5, using 2-yard cords in Step 2. In Step 5, make 2" Rev Dbl Hf H Chs. At this point you should be at the 8" circle on the craft board. Pull core cords gently to allow Chs to arc slightly before tying the Sq Kn. This pattern is meant to be 3-dimensional when secured to ring to allow room for the pot.

Step No. 14: Looking at the 8" ring as the face of a clock, with the Wrap joining the 6" and 8" rings at 12:00, and the Wraps joining the dowels to the 8" ring at 5:00 & 7:00, Dbl Hf H each of the 4 cords from the nine groups of Dbl Hf H Ch patterns over the 8" ring at the 9 remaining hourly positions. There will be approximately $1\frac{1}{4}$ " of open space on 8" ring between each group of Dbl Hf H'ed cords, but not between groups of cords and Wraps. These 3 open spaces on each side of the 8" ring will contain cords used in the Alt Sq Kn pattern in Step 16. End all hitches on back of ring.

Step No. 15: Repeat Steps 13 and 14 for the 2 remaining 8" patterns. Tie an Overhand Kn in each cord close to rings, trim, and seal.

Step No. 16: (Alternating Square Knot Pattern Between the Three 9" Rings) Cut (4) 1-yard cords and mount 2 over (1) 6" ring on each side of Wrap connecting the 6" and 8" rings. Use "Mounting Procedure" -C-, Technique Section. Mount the cords as close to Wrap as possible. Tie 1 Sq Kn with each group of 4 cords, then Dbl Hf H each cord over the 8" ring in adjacent open space. Tie an Overhand Kn in each cord close to ring, trim, and seal.

Repeat with the 2 remaining 6" rings.

Step No. 17: In each space between cords mounted in Step 16 and Wraps joining 6" rings, mount (4) $1\frac{1}{2}$ -yard cords (as in Step 16) over the 6" rings. This will provide 16 working cords in each of the 3 spaces between 6" and 8" rings.

Number cords from 1 to 16, left to right. Row 1: Make 4 Sq Kns with cords #1 through #16, directly below rings. Use 2 cords for tying and 2 for core in each Kn. Row 2: Make 3 Alt Sq Kns with cords #3 through #14, $\frac{1}{2}$ " below Sq Kns. Row 3: Tie 4 Alt Sq Kns, using all 16 cords, $\frac{1}{2}$ " from previous row. Row 4: Repeat Row 2.

Step No. 18: Dbl Hf H cords #1 through #4, and cords #13 through #16 over 8" rings in nearest open space.

Dbl Hf H cords #5 through #8, and cords #9 through #12 over 8" rings in remaining open spaces. Tie an Overhand Kn in each cord close to ring, trim, and seal.

Step No. 19: (Cradle) Repeat Steps 2 and 3, using 2-yard cords. Make 1 circular row of 9 Alt Sq Kns, 1" from row of Sq Kns.

Step No. 20: Combining 2 cords from 1 Sq Kn with 2 cords from an adjacent Sq Kn, make a 2" Hf Kn Spiral sinnet with each group of 4 cords. Begin sinnet ½" from row of Alt Sq Kns.

Step No. 21: Remove pattern from craft board. Turn pot to be used upside down and place pattern on top. Make as many circular rows of Alt Sq Kns, 1" apart, as necessary to reach top rim of pot. Shape cradle around pot so that cradle loosely girds the pot for easy removal.

Step No. 22: Measure the distance on the 10" ring between each dowel and mark center point. Place cradle inside ring and working from the inside, Rev Dbl Hf H each cord over ring, so the hitches end inside ring. Secure the 4 cords from 3 Alt Sq Kns over ring in each of the three sections between dowels.

Center the middle Alt Sq Kn over the mark in each group of 3, then secure the remaining cords over ring adjacent to each corresponding dowel. Position pot in cradle to check fit. Tie an Overhand Kn in each cord close to ring, trim, and seal.

Step No. 23: Using (6) 1-yard cords, cover open spaces on 10" ring using "Wrap A".

Step No. 24: Cut (1) 10-yard cord to cover upper portion of one dowel (above 3-ring section). Cover the dowel with a Hf Kn Spiral sinnet, beginning at top of dowel and working down to the 3-ring section. Make sure sinnet spirals in same direction as on bottom portion of dowel. Conceal ends from assembly Wraps in Spirals. When dowel is completely covered, tie the 2 cords in 1 Sq Kn, conceal inside junction of 3 dowels, trim, and seal.

Repeat to cover the 2 remaining sections of dowels.

Glue the 3 beads in place at top of each dowel.

Buckskin

(pictured on Back Cover)

The colors used in this design blend to project a beautiful soft appearance to compliment any setting. This design introduces a Radial Lark's Head Pattern which is quick and easy. The pile creates depth and warmth, and will enhance any decor.

Materials Needed

- 6 or 7mm twisted or braided polypropylene or poly-olefin cord
- 330 yards brown, 50 yards tan, 30 yards black, and 70 yards white
- 1 each - 2", 10", 19", and 27" metal rings, welded

Knots & Abbreviations Used: Lark's Head (Lk's Hd), Reverse Lark's Head (Rev Lk's Hd), Square Knot (Sq Kn), Double Half Hitch (Dbl Hf H), Half Knot Spiral (Hf Kn Spiral), Overhand **See Dictionary**

Finished Dimensions: approximately 36" diameter (including fringe)

Instructions

Color Key: brown - B, tan - T, black - Bk, white - W

Step No. 1: Cut (16) 3¼-yard B cords and mount each cord over the 2" ring using the Lk's Hd Kn. Tie an Overhand Kn in each end of each cord as it is cut to prevent fraying.

Divide the 32 cords into four groups of 8 cords each.

Step No. 2: Working with one group of 8 cords, make a 2-knot Sq Kn sinnet, using 2 cords for tying and 6 for core.

Step No. 3: Cut (2) 4-yard B cords and add 1 cord to each tying cord, using a Sq Kn (See "Adding Cords to Existing Cords", Technique Section). Slide added cords up against Sq Kns made in Step 2 and Butterfly the 4 added cords.

Step No. 4: Working with the 6 core cords, tie a 2-knot Sq Kn sinnet using any 2 cords from core as tying cords and the 4 remaining cords as core.

Repeat Step 3. This will provide a total of 16 cords in this group.

Step No. 5: Working with the 4 core cords from Step 4, tie a 2-knot Sq Kn sinnet using 2 cords for tying and the 2 remaining cords as core. At this point, the Sq Kn sinnets made in Steps 2, 4, and 5 combined, should measure 2½". Number the cords in this group from 1 to 16, left to right.

Note: In the Radial Lk's Hd Pattern, the technique of attaching the pile to the radial cords is similar to the Alt Lk's Hd Pattern (Technique Section), however, the pile cords are usually attached to single radial cords.

Step No. 6: Lk's Hd (6) 5" B cords over each radial cord #1, #2, and #3. Lk's Hd (4) 5" T cords over each radial cord #4 & #5. Lk's Hd (4) 5" W cords over radial cord #6, and (3) 5" W cords over radial cord #7. Lk's Hd (2) 6" Bk cords over the pair of radial cords #8 & #9. Lk's Hd (4) 5" W cords over radial cord #10, and 3 over radial cord #11. Lk's Hd (4) 5" T cords over each radial cord #12 and #13. Lk's Hd (6) 5" B cords over each radial cord #14, #15, & #16.

Step No. 7: Brush (See "Fringe Procedure", Technique Section) all Lk's Hd Kns, one radial row at a time.

Divide and mark 10" ring into fourths.

Step No. 8: Place the 10" ring on top of work and Dbl Hf H each of the 16 radial cords over ring between any 2 marks.

Step No. 9: Repeat Steps 2 through 8 with the three remaining groups of 8 cords. (See "Centering Rings", Technique Section.)

Step No. 10: Divide the 64 radial cords into eight groups of 8 cords, each of four groups to consist of the 6 cords carrying B pile plus one cord on each side carrying T pile. The remaining four groups are those radial cords between each of the first four groups.

Step No. 11: Number radial cords in one group from 1 to 8, left to right. Cut (4) 2½-yard B cords. Add 1 cord to each radial cord #1, #3, #5, & #7 as described in Step 3. Slide added cords up to 10" ring. This will provide a group of 16 cords.

Repeat with the seven remaining groups of 8 cords.

Tie a scrap of cord around each group of cords to keep separate. Renumber cords in each group from 1 to 16.

Step No. 12: Working with one group of 16 radial cords, make a 4" Hf Kn Spiral sinnet with radial cords #3 through #6, and radial cords #11 through #14. Make a 4" Sq Kn sinnet with cords #7 through #10. Use 2 cords for tying and 2 for core in each sinnet.

Step No. 13: Lk's Hd (2) 5" B and (2) 5" T cords over each pair of radial cords #1-#2, and #15-#16. Cross radial cords #1 & #2 over radial cords #15 & #16, and pin to craft board at cross. Lk's Hd 2 W, 2 Bk, and 2 W 5" cords over each pair of radial cords. Brush pile.

Step No. 14: Divide and mark the 19" ring into 8 equal sections. Place the 19" ring on top of work. Dbl Hf H each of the 16 radial cords over ring in sequence, remembering the crossed cords in Step 13 now place #15 & #16 before #3. Center cords between 2 marks on ring. Retie the group of 16 radial cords with a cord scrap.

Step No. 15: Repeat Steps 12 through 14 with each remaining group of 16 radial cords. Center ring by alternating groups as described in "Centering Rings", Technique Section.

Step No. 16: Release one group of 16 radial cords. Lk's Hd 2 B, 2 T, 1 W, 1 Bk, and 1 W 5" cord over each of the 16 radial cords. Brush all Lk's Hds, one radial row at a time. Retie the group of 16 cords.

Repeat Step 16 with the seven remaining groups of 16 radial cords.

Step No. 17: Divide and mark the 27" ring into 8 equal sections. Place the 27" ring on top of work. Release one group of 16 radial cords and Dbl Hf H each cord over ring. Spread the 16 cords evenly between 2 marks. Trim cords to 4" and mark 1st and 16th cords.

Repeat procedure with the seven remaining groups of 16 cords, centering ring as in Step 15.

Step No. 18: Number cords in each group from 1 to 16. In the space between radial cords #8 & #9, Rev Lk's Hd (2) 13" W cords (together in 1 Kn), (1) 13" Bk cord, and (2) 13" W cords (together).

Rev Lk's Hd (1) 13" B cord in each of the remaining 14 spaces between radial cords. Use ends from trimmed radial cords where possible.

Repeat with the seven remaining groups of 16 cords.

Step No. 19: Using 1 or 2-ply 12" cords, and with 3/8" Wrap (See "Wrap A", Technique Section), Wrap each group of (4) W cords with a W Wrap, and each pair of Bk cords with a Bk Wrap. Wrap all B cords in pairs with B cords. Trim all added cords to 4". Separate plies and brush all fringe. Pile may be selectively trimmed to accentuate pattern.

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